

SRES', Sanjivani College of Engineering, Kopergaon
(An Autonomous Institute affiliated to SPPU, Pune)

Staff Profile

Personal Information			
Name of Teaching Staff: (Dr.) Abdul Basit Khan			
Designation: Assistant Professor			
Department : Civil Engineering			
Date of joining : 19th January, 2026			
E Mail ID :	khanabdulcivil@sanjivani.org.in		
Contact No:	(+91) 7252967571		
Education Details			
Qualification	Specialization with Class or Grade	University	Year
UG	Civil Engineering	Aligarh Muslim University	2013
M.Tech	Transportation Engineering	NIT,Bhopal	2016
Ph.D.	Transportation Engineering	IIT Roorkee	2024
Total experience in years:			
Teaching:	2.5 years		
Industry:	2.5 years		
Research and Publications			
Year 2025			
1) Abdul Basit Khan, Rajat Agrawal, & S. S. Jain (2025) Crash Prediction of Truck Drivers Involved in Inside and Outside Vehicular Distractions Using Machine Learning Techniques: A Naturalistic Driving Study, Accident Analysis and Prevention (Manuscript Status- Under Review)			
Year 2023			
2) Ankit Choudhary, Rahul Dev Garg, Sukhvir Singh Jain & Abdul Basit Khan (2023) Impact of traffic and road infrastructural design variables on road user safety-a systematic literature review, International Journal of Crashworthiness, DOI: 10.1080/13588265.2023.2274641, (SCI Indexed)			

Year 2022

- 3) Abdul Basit Khan, Rajat Agrawal, & S. S. Jain (2022) Investigating Major Cause of Crashes on Indian Expressways and Developing Strategies for Traffic Safety Management, International Journal of Crashworthiness, DOI: 10.1080/13588265.2022.2109879, **(SCI Indexed)**

Year 2021

- 4) Abdul Basit Khan, Rajat Agrawal, S. S. Jain & Ankit Choudhary (2021) Review of distracted driving in young drivers: strategies for management of behavioural patterns, International Journal of Crashworthiness, DOI: 10.1080/13588265.2021.1926847. **(SCI Indexed)**

Year 2020

- 5) A.B. Khan, S.S. Jain (2020) "Assessment of Strength Characteristics of Bituminous Concrete Modified using HDPE" World Conference on Transport Research (WCTRS) official journals (Transport Research Procedia) <https://doi.org/10.1016/j.trpro.2020.08.045>. **(SCOPUS Indexed)**

Year 2017

- 6) Agarwal P.K, Khan A.B, Choudhary S., (2017) "A Rational Strategy for Resource Allocation for Rural Road Maintenance" World Conference on Transport Research (WCTRS) official journals (Transport Research Procedia) <https://doi.org/10.1016/j.trpro.2017.05.422>. **(SCOPUS Indexed)**

Year 2016

- 7) Agarwal P.K., Choudhary S., Khan A.B. (2016) "A Rational Strategy for Maintenance of Low Volume Road Network "Transportation in Developing EconomiesTIDE" <https://doi.org/10.1007/s40890-016-0024-7>, **(SCI Indexed)**
- 8) Agarwal P.K., Khan A.B., Mehar R. (2016) "A Basic Framework for Prioritization of Safety Improvement at Highway Intersection" International Journal of Transportation Engineering and Traffic System Vol.1:Issue 2 ISSN 2456-2343 (www.journalspub.compages-7).

Year 2015

- 9) Bhawsar U, Agarwal P.K., TR Beevi R., Khan A.B., (2015) "Evaluation of Road Safety Hazardous Condition in a Road Network" Civil and Environmental Research. ISSN 2224-5790 (paper) ISSN 2225-0514 (online) Vol.7, No.7,2015 pp 86-95.
- 10) Swarup A. Agarwal P.K., Khan A.B. (2015) "Strategies for economical construction of rural roads" Civil and Environmental Research ISSN (Vol.7, No.7,2015 page-8, 2224-5790)

Papers presented in conferences:

Sr No.	Author	Title of Paper	Name of Conference	Date and Venue
1	A.B. Khan, Rajat Agrawal, S.S. Jain	Machine Learning-Based Crash Prediction on Indian Expressways: Analysis of Driver Characteristics	7th conference of the Transportation Research Group of India (CTRG-2023)	17-20 December 2023 at SVNIT Surat, India
2	A.B. Khan, Rajat Agrawal, S.S. Jain	Identifying Drivers' Distractions and Simulating Their Influence on Driving Characteristics	2nd International Conference on Transportation Infrastructure Projects Conception to Execution (TIPCE- 2022)	14-17 September 2022 at IIT- Roorkee
3	A.B. Khan, Rajat Agrawal, S.S. Jain	Study of Driver Characteristics for Traffic Safety Management- A Case Study of Yamuna Expressway	6th conference of the Transportation Research Group of India (CTRG-2021)	14-17 December 2021 at NIT Trichy
4	Choudhary S., Agarwal P.K., Swarup A., Khan A.B	Maintenance Strategy for Rural Road Network	Second International Conference on Inter-Disciplinary Research in Engineering Management, Pharmacy and science(ICIREMPS)	SIRT Bhopal, India 19- 22 February 2015
5	Agarwal P.K, Khan A.B, Mehar R.	A Systematic Approach for Ensuring Traffic Safety in Indian Cities	World Conference on Transport Research- 2016	10 th -15 th JULY,2016 Shanghai, China
6	Khan A.B., Agarwal P.K., Choudhary S	A Simple Approach for Maintenance of Flexible Pavement of Rural Roads Network	National Conference on Sustainable Asphalt Pavement for Developing Countries (CONSAP) 2016	CSIR-Central Road Research Institute-New Delhi, India during 11-12 March 2016
7	Khan A.B., Agarwal P.K., Swarup A	Application of Intelligent Transport Systems for Traffic Management in Smart Cities	National conference on current practices in Civil Engineering	LNCT, Bhopal, India on 12 march 2016

8	Padhiyar, M.K.Nay i M., Khatri Alpesh D., Khan A.B	A Comparative Performance Evaluation of BRTS with AMTS in Ahmedabad City using BEAD Tool	National Conference on Innovative & Emerging Technologies (NCIET- 2017)	Smt.S.R.Patel Engineering College- Unjha, Gujarat, India on 27-28 May 2017
---	--	--	--	---

Research Profile URL

Google Scholar	https://scholar.google.com/citations?user=Eiz78cYAAAAJ&hl=en
Scopus	Scopus Author ID: 57219311029 https://www.scopus.com/authid/detail.uri?authorId=57219311029
publons	Web of Science Researcher ID: AEC-6610-2022 https://www.webofscience.com/wos/author/record/AEC-6610-2022

Awards

1. Scored 97.4 percentile (All India Rank-2309) among 90872 Civil Engineering students all over India in GATE-2014
2. Ph.D. fellowship from Ministry of Education, Government of India from 2018-2023.
3. M.Tech. fellowship from Ministry of Education, Government of India from 2014-2016.
4. Scored S.G.P.A 10.00 (Class Top) in Phase-I of my Masters Dissertation Work.

Reviewer of the International Journals

- 1) International Journal of Crashworthiness (**Taylor & Francis**)
- 2) Transportation Research Part-F, (**Elsevier**)
- 3) PLOS ONE,
- 4) Indian Road Congress

FACULTY DEVELOPMENT PROGRAMMES ATTENDED

Name of the FDP / Workshop	Organization	Duration	Month-Year
VISSIM, Traffic simulation software	SVNIT, Surat	Five days 07 th -11 th Dec 2015	Dec2015

OTHER Professional URLs

Linked In Profile	https://www.linkedin.com/in/abdul-basit-khan-ph-d-7646026a?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=ios_app
Other	Research gate Profile https://www.researchgate.net/profile/Abdul-Khan-124