

Name in Full: KUNAL JAIN

Department: CIVIL ENGINEERING

Designation: ASSISTANT PROFESSOR

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Date of Birth: 15-12-1982

Nationality: INDIAN

Sex: MALE

Areas of Specialisation: Highways

Current Areas of Research: Pavement Management System

Academic Record (starting with Bachelor's Degree)

(Please attach photocopies of degree certificates and also brief synopsis of the Master's & the Doctoral thesis)

Degree (Subjects)	Institution	Year
Diploma In Civil Engineering	Mehar Chand Polytechnic, Jalandhar City	2001
B.Tech Civil	Thapar University	2004
M.E Highways	Punjab Engg. College, Chandigarh	2006
PhD	IIT Roorkee	2013

From (year)	To (Year)	Employer	Position held
September 2013	Present	Punjabi University,Patiala	Assistant Professor
September 2008	January 2009	KMP Expressways Ltd., Gurgaon	Senior Design Engineer
July 2007	September 2009	D.A.V.Institute of Engineering & Technology	Lecturer
August 2006	June 2007	Gammon India Ltd.	Assistant Engineer

Other Training:

- Attended an International course on dissemination of highway development & management (HDM-4).
- Recent advancement in pavement design including Low volume roads by AICTE
- Construction and Maintenance of Highways by NITTTR.

LIST OF PUBLICATIONS

International Journal:

K. Jain, S.S. Jain & M.P.S. Chauhan, “Schedule and Condition Responsive Maintenance Strategies for Optimum Utilization of Maintenance Budget”, International Journal of Engineering Research & Development, Volume 1 (8), June, 2012. pp. 47-53.

K. Jain, S.S. Jain & M.P.S. Chauhan, “Selection of Optimum Maintenance and Rehabilitations Strategy for Multilane Highways”, International Journal for Traffic and Transport Engineering Volume 3 (3), pp. 269-278.

K. Jain, S.S. Jain & M.P.S. Chauhan, “Structural Evaluation of a Multilane Flexible Pavement”, International Journal of Pavements (Communicated)

Papers Published in International Conferences:

K. Jain, S.S. Jain, M.P.S. Chauhan & M.Parida,” Effect of Deferred Maintenance on Priority Ranking for Maintenance of Multilane Highway Network”, “International Conference on Advances in Materials and Techniques for Infrastructure Development”, NIT, Calicut, June 22-24, 2011, Proceeding pp. 1-10.

S.S. Jain, M.P.S. Chauhan, Kunal Jain & S.K. Verma, “Frame Work for Developing Information Technology Based Maintenance Management System for Multilane Highways”, “7th ICPT Conference”, Aug. 03-05, 2011, Bangkok, Thailand, Proceeding, pp.1256-1266.

K. Jain, S.S. Jain & M.P.S. Chauhan, “Development of a Decision Tree for Maintenance Treatment Selection at Network Level”, “1st Conference of Transport Research Group of India (CTRG)”, Dec. 7 – 10, 2011, Bangalore, pp. 1-12.

K. Jain, S.S. Jain & M.P.S. Chauhan, “Effect of Schedule v/s Condition Responsive Maintenance Strategy for An Optimum Utilization of Maintenance Funds”, “International Conference on Highways Engineering”, April 28-30, 2012, Bangkok, Thailand.

K. Jain, S.S. Jain & M.P.S. Chauhan, “Pavement Serviceability Analysis for Multilane Highways”, 10th International Conference of Transportation Planning and Implementation Methodologies for Developing Countries, Mumbai, TPMDC 2012, Dec. 12-14, 2012, pp.125-136.

Maninder Singh, Praveen Kumar, Kunal Jain, (2014),”Use of FTIR Spectroscopy Technique to Study the Effect of Ageing and Bitumen Modification”, 11th International Conference on Transportation Planning and Implementation Methodologies for Developing Countries, Bombay, India.10-12 December.

Kunal Jain, S.S.Jain, Maninder Singh,(2014),”Traffic Flow Characteristics for Multilane Highways in India”, 11th International Conference on Transportation Planning and Implementation Methodologies for Developing Countries, Bombay, India.10-12 December.

Papers Published in National Conferences:

K. Jain, S.S. Jain & M.P.S. Chauhan, "Prioritization of maintenance and Rehabilitation Strategy for Multilane Highways", Twenty-Eight National Convention of Civil Engineers and National Seminar on Role of Infrastructure for Sustainable Development, the Institution of Engineers, IIT Roorkee, October 12-14, 2012, pp. 551-556.

Articles Published:

S.S. Jain, K. Jain & M.P.S. Chauhan, "Pavement Management System for Multilane Highways", published at the Souvenir of "Closing Ceremony of Diamond Jubilee and Celebration of 60th CSIR-CRRI Foundation Day" held on 16th July, 2012 at CRRI, New Delhi.

S.S. Jain, K. Jain & M.P.S. Chauhan, "Knowledge Based Expert System for Pavement Management", Article prepared for Souvenir of the 73rd Annual Session to be held at Coimbatore (Tamil Nadu) on 7th to 11th January, 2013.