



1. Name : GAGANDEEP SINGH

2. Designation: Scientist C

Contact Details: Flexible Pavement Division

CSIR-Central Road Research Institute

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3. Area of Interest: Pavement Material and Design

4. Education Qualification:

Qualification	Year of Passing	Board / University/ Institution
Master of Technology (Engineering of Infrastructure and Disaster Mitigation-Roads)	2012	AcSIR- CSIR, CRRI, New Delhi
Bachelor of Technology (Civil Engineering)	2010	National Institute of Technology, Kurukshetra

5. Professional Experience:

Sl. No.	Period	Name of Organization	Position held
1.	2012 to Till Date	CSIR-CRRI	Scientist C

6. Membership of Professional Bodies:

Sl. No.	Name of Institution/Society	Membership Number	Year	Type of Membership (Life/Annual)
1.				

7. Research Projects:

a) Laboratory Study of Bituminous Mixes Containing Fly Ash and Plastic Waste Composite

b) Feasibility Study on Utilization of Aircooled Blast Furnace Slag in Road Making – SAIL Sponsored Project

c) Laboratory Study to Determine the Feasibility of Utilizing Overburden from Coal Mines as Road Construction Material – TATA Steel Sponsored Project

d) Field Trials of BOF Steel Slag Aggregate on National/State Highways and Subsequent Performance Evaluation – TATA Steel Sponsored Project

Papers in Journal

- a. Uma Devi Rongali **Gagandeep Singh**, Anita,P. K. Jain, “Laboratory Performance of Stone Matrix Asphalt Containing Composite of Fly Ash and Plastic Waste” Journal of Scientific and Industrial Research, (SCI), Vol 72, March, 2013, pp 186-192
- b. **Gagandeep Singh**, Satish Pandey, M. N. Nagabhushana, P. K. Jain, “Effect of SBS Modified Binder on Performance of Bituminous Concrete” Civil Engineering & Construction Review Vol Jan 2013 pp 106-112.

Papers in Conference

- a. Uma Devi Rongali, **Gagandeep Singh**, Anita,P. K. Jain, “Laboratory investigation on use of fly ash plastic waste composite in stone matrix asphalt” 25th ARRB Conference in Australia, Perth, Vol 4.1, 23 – 26 Sep. 2012, pp 1-12
- b. **Gagandeep Singh**, M.N.Nagabhushana & P.K.Jain, “Investigations for Feasibility of Recycling of Pavement at Rajpath: A Case Study” NASERBIP, Vol 1, 15-16 Jan, 2014,CRRI,New Delhi pp 65-69
- c. Praveen Kumar & **Gagandeep Singh**, “RAP With Modified Binders – A Review” NASERBIP, Vol 1, 15-16 Jan, 2014,CRRI,New Delhi pp 70-75
- d. Umadevi Rongali, **Gagandeep Singh**, Anita Chourasiya, P.K. Jain, Laboratory Investigation on Use of Fly Ash Plastic Waste Composite in Bituminous Concrete Mixtures” Pages 89-98, Volume 104, Pages 1-1208 (2 December 2013) , 2nd Conference of Transportation Research Group of India (2nd CTRG)
- e. Satish Pandey, **Gagandeep Singh**, J B Sengupta, “Assessment of Bituminous Pavement Surface Condition for Recycling” CONSAP, 11-12 March, 2016 CRRI New Delhi pp 40
- f. Gagandeep Singh, Divesh Tiwari, P K Jain and A K Swami, “A Critical Review of Endurance Limits of Bituminous Mixes for Developing Countries”, 11th TPMDC, 10-12 December 2014, Mumbai

Lectures Delivered

- Guest Lecture on Pavement Design was delivered by undersigned at Manipal University Jaipur on 27th Nov 2015. It was organized by Manipal University, Jaipur and Chapter Student Institution of Engineers