

1. Name and Photograph: R K SRIVASTAVA



Address:

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2. Areas of Interest Structural (FWD) and Functional Evaluation of Pavements,
Pavement Management System (HDM-4),
Airfield Evaluation (PCN)

3. Educational Qualification – starting from the highest degree

Degree (in reverse order upto Degree level only)	University / Institute	Year	Specialisation
M.Tech. (Civil Engineering)	Indian Institute of Technology (IIT), New Delhi	1994	Soil Mechanics and Foundation Engineering
M.M.S. (Master of Management Studies)	Banaras Hindu University (B.H.U.), Varanasi	1986	Marketing
B.E. (Civil Engineering)	R. E. C. Tiruchirapalli, University of Madras	1983	Nil

4. Professional Experience - in reverse chronological order

Grade / Post	From	To	Estt./Lab./Instt.
Senior Principal Scientist	06-10-2011	continuing	CRRI, Assessment
Scientist 'E-II'	06-10-2004	05-10-2011	CRRI “
Scientist 'E-I'	06-10-1998	05-10-2004	CRRI “
Scientist 'C'	06-10-1992	05-10-1998	CRRI “

Scientist 'B'	06-10-1987	05-10-1992	CRRRI	“
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5. Membership to Professional Bodies

- Member of Indian Roads Congress
- Life Member of Indian Geotechnical Society
- Member of “Rigid Pavement Committee” (H3) of Indian Roads Congress

6. Achievements

a. Honours and Awards

b. Some Research Projects

1. Pavement Maintenance Management System for Delhi PWD Roads (DPMMS)
2. Pavement Maintenance Management System for Andaman Trunk Road
3. High Performance Materials (Bituminous/Concrete) for Construction and Repair of Pavements
4. Evaluation of Experimental Test Section of High Performance Concrete (HPC)
5. Development of Norms for Skid Resistance under different traffic and environmental conditions
6. Pavement Performance Study - Study on Existing Pavement System
Sponsored by World Bank through Ministry of Surface Transport (MOST)
7. Study of Compaction and Strength Characteristics of Snow as a Paving Material
Sponsored by Department of Ocean Development (DOD), through CSIR
8. Impact Assessment of increase in overloading, vehicle speeds and riding quality on various SHs in UP
Sponsored by PWD, UP
9. R & D studies on Performance Evaluation of Rigid Pavements on High Density Corridors using Instrumentation supported by Laboratory Tests
Sponsored by Ministry of Surface Transport (MOST)
10. Supra-Institutional Project “Development of a Management System for Maintenance Planning and Budgeting of High Speed Road Corridors
Sponsored by CSIR
11. Development of GIS Based National Highway Information System
Sponsored by Ministry of Surface Transport (MOST)
12. Guidelines for the Use of Geo-Cells in Flexible Pavements (GAP)
Grant in Aid by DST
13. Economic Benefits of Toll Roads in India
Sponsored by IL&FS

- c. Research Publications (in two parts, Papers in Journals and papers in Conferences) in the following format

Journal papers

- ✓ “Assessing Polishing Susceptibility of Aggregates Through Accelerated Polishing Test – Case Studies” – Sudesh Kumar, B S Rao, Poonam Singh, R K Srivastava and Dr P K Nanda, IRC Journal, HRB No. 72, June 2005
- ✓ “Maintenance Policy for Andaman Trunk Road Using HDM-4” - D.M Mukhopadhyay, Devesh Tiwari, P.K. Kanchan and R.K Srivastava, Indian Highways, Vol.34, No.10, October 2006.
- ✓ “Use of Skid Resistant Aggregates in Wearing Courses” – Sudesh Kumar, S P Pokhriyal, R K Srivastava and B M Sharma, Highway Research Board, Highway Research Journal, Vol 2 No. 2, July –Dec 2009.
- ✓ “Skid Resistance Behaviour of Bituminous Pavements – Case Study“ by Athem Gowtham, Sudesh Kumar, R.K.Srivastava and Dr. Prasanna Kumar International Journal of Applied Engineering Research© Research India Publications, 2015
- ✓ “Effect of Surface Texture of Bituminous and Cement Concrete Surfacing on Skid Resistance – Case Study“ by Sudesh Kumar, R.K.Srivastava, Atar Singh and Athem Gowtham, Indian Highways, Vol.44, No.3, March 2016

Conference papers

- ✓ “A Study on the Causes of Low Initial Functional Serviceability Levels of Highway in India and Recommended Corrective Measures” - J Mitter, J K Jhingan, R K Srivastava and P K Nanda, Proceedings of the Second International Symposium on Road Surface Characteristics, Berlin, June 23-26, 1992.
- ✓ “Characteristics of Snow as a Paving Material - Some Considerations” - R K Srivastava, T Muraleedharan, A K Sharma and P K Nanda, Proceedings of International Symposium on Snow and Related Manifestations, Manali, 26-28 Sept, 1994.
- ✓ “Airfield Pavement Surface Profile Analysis for Evaluation of Riding Quality” - P K Nanda and R K Srivastava, Proceedings of Second

Asia/Pacific Workshop on Airport Pavements - Design, Construction and Maintenance, New Delhi, 3-7 April, 1995.

- ✓ “Pavement Evaluation and Maintenance Management System” – P K Nanda and R K Srivastava, Proceedings of National Seminar on Highway Maintenance Management System, 17-18th July, Calcutta, 1996
- ✓ “Quality Assurance in Terms of Riding Quality Using Profilograph” - R K Srivastava and P K Nanda, Proceedings of International Seminar on New Trends in Highway Construction, New Delhi, 13-14 Nov, 1997.
- ✓ “Recent Techniques in Transportation Engineering” - R K Srivastava and P K Nanda, Proceedings of Seminar on Road Infrastructure Management for the Next Millennium, Bangalore, 10-11 March, 2000.
- ✓ “Assessment of Maintenance Needs for a Highway Network” – R K Srivastava, H S Randhawa, V S Batra and P K Nanda, Proceedings of National Seminar on Challenges for Road Transportation in 21st Century Leading to Fuel Economy (CIRT 2001), TIET, Patiala, 23-24 Feb, 2001.
- ✓ “Accelerated Pavement Testing Facility -A Practical Decision Tool” – R K Srivastava, Prasanna Kumar and G K Vij, Proceedings of International Conference on Advances in Civil Engineering, January 3-5, 2002, Department of Civil Engineering, Indian Institute of Technology, Kharagpur – 721 302
- ✓ Evaluation Of Pavement Classification Number And Rehabilitation Design Of Airfield Pavements” -S P Pokhriyal, R K Srivastava and B M Sharma, Seminar on Rehabilitation of Airfields, Allahabad, 22 May 2009.
- ✓ “Pavement Maintenance Management of Selected Sections on National Highways Using HDM-4 – A Case Study” - Sumit Jain, R.K. Srivastava, and C.S. R.K. Prasad, Transportation Young Researches Symposium (TYRES, 2014)

d. Any Other information – whatever you feel should be displayed on the website (like courses conducted, lectures delivered outside, keynote speech, member of editorial boards, etc. etc.)

Imparted training at Kathmandu, to the engineers of roads department, Royal Government of Nepal, in an International course entitled “**Implementation of SKD-6: Road Construction/Management Planning Using HDM-4**”, sponsored by the roads department of Royal Government of Nepal, from 28.12.03 to 03.01.04, as an instructor for providing hands on training on HDM-4 software

Training Programme on International Course on Dissemination of Highways Development and Management (HDM-4), 6-13 Oct 2013, in Anuradhpuram, Sri Lanka for the engineers of Road Development Department, Sri Lanka

Imparted "Training Programme on International Course on Dissemination of Highways Development and Management (HDM-4)" to the **engineers / officials of Department of Roads of Iraq, Govt of Iraq**, during **16-27 June 2014**.