

**Name and Designation** : Prashant P. Nagrale

**Date of Birth** : 8<sup>th</sup> may 1972

**Designation** : Assistant Professor, Civil Engineering Department,  
Sardar Patel College of Engineering, Bhavans Campus  
Andheri (W), Mumbai -58.

**Academic Qualifications** : B.E.(Civil), M. Tech.(Struct.Engg.), Ph. D. (Transportation Engg)

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**University/College:**

University/College	Degree	Year	Field of Specilization
Shivaji University	B. E.	1995	Civil Engineering
Nagpur University	M. Tech.	1997	Structural Engineering
I. I.T. Roorkee	Ph.D.	2006	Transportation Engineering

**Employment Record (Starting From Present Possition):**

University/College	Designation	Year of Induction
Sardar Patel College of Engineering, Mumbai	Asst. Professor	August 2007
Sardar Patel College of Engineering, Mumbai	Lecturer	Sept. 1999
Govt. Polytechnic, Ratnagiri	Lecturer	Nov.1997

### 1. Research/ Consultancy/ administrative Work:

- Transportation Engineering, Pavement Design, Pavement Material, Surveying etc.
- Certified Lead Inspector/Auditor in Construction.

### 2. Publications:

- National Conference : 04
- National Journals : 06
- International Journal : 03

### 3. Sponsored Research Project:

Period	Sponsoring Organization	Title of Project	Amount of Grant	Status
May 2006	AICTE, New Delhi	Application of Genetic Algorithms for Scheduling Public Transport buses in Mumbai	5 Lakhs	Completed
March 2007	AICTE, New Delhi	Design and Construction Methodology for Low Cost Roads Using Stabilization Technique	2 Lakhs	Completed

### 4. Membership:

- Indian Society for Technical Education : Life Member
- Indian society for Non Destructive Testing : Life Member
- Indian Geotechnical Society, Mumbai Chapter : Life Member

### 5. AICTE/DTE/University work:

- Expert/Approval committee Member
- CAP monitor SPCE, University of Mumbai, 2008-09
- In-charge Exam Section SPCE,2008-09
- Coordinator for first and second year engineering admission 2009
- Hearing/Scrutiny of application for New Institutions/ Courses
- DTE – Member Scrutiny committee for approval of teachers under Career Advancements.

### 6. Courses Conducted and Lectures Delivered:

- One Week “*Refresher Course on Bridge Engineering*” for Engineers of PWD Daman, 1<sup>st</sup> to 6<sup>th</sup> March 2008.

## List of Publication

- .1 *Resilient Behaviour of Fibre Reinforced Subgrade Soil*”, By Nagrale, Prashant P., Satish Chandra and M.N. Viladkar, Conference: Immerging Trends in Highways and Bridges, TIET, Patiaela, India, 2004, pp. 178 – 182.
- .2 *“Behaviour of flexible pavement resting on fibre reinforced subgrade soils”*, by Nagrale, Prashant P., Satish Chandra and M.N. Viladkar, Indian Geotechnical Conference, IGC-2005, Ahmedabad, India, pp. 185 -188.
- .3 *“Benefits of Fibre Reinforced Subgrade Soils in Flexible Pavements”*”, by Nagrale, Prashant P., Satish Chandra and M.N. Viladkar, Journal Institution of Engineers (India), Vol – 87, May –2006, pp.53 – 57
- .4 *“Strength Characteristics of Fibre Reinforced Subgrade Soils”*”, by Nagrale, Prashant P., Satish Chandra and M.N. Viladkar, Journal Highway Research Bulletin Number-74, April-2006, New Delhi, India, pp.49 – 58.
- .5 *“Finite Element Analysis of Fibre Reinforced Flexible Pavement”*”, by Nagrale, Prashant P., Satish Chandra, and M.N. Viladkar, International Journal for Pavements, IJP, USA.
- .6 *“Elasto-Plastic Analysis of Fibre Reinforced Flexible Pavements”*”, by Nagrale Prashant P., Satish Chandra, and M.N. Viladkar, J. Institutes of Engineers,(India), Vol. – 89, Nov – 2008, pp- 49 to 54.
- .7 *“Modeling of Flexible Pavement Resting on Fibre Reinforced Subgrade Soils”* by Nagrale, Prashant P., Satish Chandra, and M.N. Viladkar, Journal Indian Roads Congress, New Delhi, India.
- .8 *“Mechanistic Approach for Fibre Reinforced Flexible Pavements”* by and M.N. Viladkar, Satish Chandra and Nagrale, Prashant P. J. Transportation Engineering, ASCE.
- .9 *“ Design of Lime Stabilised Flexible Pavements”* by Nagrale Prashant P. and P. Shrivastava, J. Indian Highway, New Delhi, India, Jan -2009, pp – 19 to 26.
- .10 *“ Mechanistic Approach for Fibre Reinforced Flexible Pavements”* by Nagrale, Prashant P., Satish Chandra and M.N. Viladkar, Conference: Immerging Trend In Civil Engineering, Government College of Engineering Amaravati, March 2007.
- .11 *“ Effect of Tyre Pressure on Reinforced Flexible Pavements: A Mechanistic Approach”* by Nagrale Prashant P. and Pusadkar S. S., Indian Geotechnical Conference, IGC-2008, Bangalore , India, pp. 202 -205.