

## **PROFILE**

<b>Name</b>	Dr. Nitin Goyal
<b>Designation</b>	Principal Scientist and Chair
<b>Qualification</b>	<p>Bachelor of Engineering – Civil Engineering from Malaviya National Institute of Technology (MNIT), Jaipur (1993 – 1997)          Thesis: Design of Railroad Over-Bridge. Major Subjects: Public health engineering, Structural engineering design, Engineering hydrology, Soil mechanics and foundation engineering, Surveying and Building technology.</p> <p>Master of Engineering – Environmental Engineering from Malaviya National Institute of Technology (MNIT), Jaipur (1998 – 2000)          Thesis: Status of Air Quality at the Rambagh Crossing and Choti Choupad of Jaipur City. Major Subjects: Air pollution, Environmental chemistry, Water and wastewater treatment technology, Environmental impact assessment (EIA), Solid and hazardous waste management.</p> <p>Doctor of Philosophy – Environmental Science and Engineering from Indian Institute of Technology (IIT) Bombay, Mumbai (2008)          Dissertation: Characterisation and Source Apportionment of Ambient PM<sub>2.5</sub> and PM<sub>10</sub> in Mumbai and Pune Major Research Areas: Air quality monitoring and mathematical modelling, physical and chemical characterization of aerosols, and instrumentation for sampling of fine particulate matter.</p>
<b>Experience</b>	27 years
<b>Expertise</b>	Source Apportionment (PM <sub>2.5</sub> and PM <sub>10</sub> ) using Receptor Modelling, Physical and Chemical Characterization of Aerosols, Air Quality Management
<b>Publications</b> (in Nos.)	25
<b>Patents</b>	Nil
<b>Honors &amp; Awards</b>	<ol style="list-style-type: none"> <li>1. Young Scientist Award, Department of Science and Technology (New Delhi) awarded a research grant for air quality management study in the city of Mumbai, India (total amount INR 1.50 million).</li> <li>2. Invited Speaker, Indian Science Congress, Young Scientist Session, North Eastern Hill University, Shillong, January 2009.</li> <li>3. Best Paper Presentation, received an Award of Recognition in IASTA International Conference on Aerosols, Clouds and Indian Monsoon held at IIT-Kanpur.</li> <li>4. Institute Scholarship, received Teaching Assistantship during academic years 2001 to 2005, IIT-Bombay, Mumbai.</li> <li>5. National Scholarship Award, for securing position in the Merit-list of XII Board Examination, 1993.</li> </ol>
<b>Research Scholars</b> (in Nos.)	<u>Phd. Awarded, Ongoing</u>