

1. **Name and Photograph: Dr. Nasim Akhtar**



2. **Designation and complete address including email id.**

Principal Scientist, TP Division, and Asso. Professor at AcSIR,
CSIR-Central Road Research Institute, Mathura Road, New Delhi –110025.
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3. **Areas of Interest**

Noise, Vibration & Harshness (NVH).

4. **Educational Qualification** – starting from the highest degree

Sl. No.	Degree/Certificate	Year of passing	University/Institute	Subjects
1	Ph.D.	2015	Jamia Millia Islamia, New Delhi	Noise Pollution
2	M. Tech.	2003	Jamia Millia Islamia, New Delhi	Environmental Sc & Engg.
3	B. Tech.	1993	Jamia Millia Islamia, New Delhi	Civil Engineering

5. **Professional Experience** - in reverse chronological order

Sl. No	From	To	Name of Organisation	Position held
1.	June 2012	Till date	CSIR-Central Road Research Institute, Mathura Road, New Delhi	Principal Scientist
2.	2008	2012	CSIR-Central Road Research Institute, Mathura Road, New Delhi	Scientist “E1”/
3.	2002	2008	CSIR-Central Road Research Institute, Mathura Road, New Delhi	Scientist “C” / Sr. Scientist
4.	1997	2002	CSIR-Central Road Research Institute, Mathura Road, New Delhi	Scientist “B”

6. **Membership to Professional Bodies**

- Society of Low Frequency Noise Control (Founder Member)
- Acoustic Society of America (ASA) (Member)
- The Scientific Journal Club (Member)
- Indian Geotechnical Society (Delhi Chapter) (Life member)
- Institute of Urban Transport, New Delhi (Member)
- Society of Air Pollution Control, Delhi Chapter (Management Committee Member)
- Institution of Engineers (India), Kolkata (Member)
- Acoustic Society of Netherland (member)

- Society of Aircraft and Airport Noise (Life member)

7. Achievements

a. Honours and Awards

- Nominated Editor-in-Chief, Journal of Noise Vibration & Harshness at International Level Journal.
- Nominated Executive Committee Member for Indian Journal of Air Pollution Control, New Delhi.
- Reviewer of Noise Control Engineering Journal, USA

b. Research Projects – in three groups

S. No.	Title of the Project	Project Category	Participating Agencies	Your Role as Defined
In-House R&D Projects:				
(i)	Development of Noise Prediction Model for an urban Area	In-House Completed	CRRRI	As Project Leader - A new model has been developed
(II)	Human (Driver) Response to Vibration	In-House completed	CRRRI	As Project Leader - Monitoring portion has been completed, Analysis is in process
(III)	Air Pollution Survey on / noise & vibration study at golden temple, Amritsar- Punjab	In-House completed	CRRRI	As Member - Noise & Vibration and Meteorological related Analysis has been done.
(IV)	Noise reflection & absorption in different types of Flexible Pavements	In-House Going-on	CRRRI	As Co-PL - Five places monitoring has been done, one paper has been published in international journal
(VII)	Evaluation of sustainable transportation system (economy, equity, environment) SUSTRANS WP8	12 th five year plan	CRRRI	As Member – four locations 24 hours noise data has been monitored.
Consultancy Project:				
(I)	Noise & Vibration Study at Tapan Sinha Memorial Hospital, TollyGanj, Kolkata	Consultancy work (completed)	Metro Rail Kolkata, Kolkata	As Project Leader - Technical Evaluation of stage-I suggestion

(II)	Noise & Vibration Study at Tolly Ganj to Garia corridor, Kolkata	Consultancy (completed)	Metro Rail Kolkata, Kolkata	As Project Leader - Responsible for overall Supervision and conduct of the noise study, traffic count , house hold survey, noise barrier survey, noise modelling, noise mapping, noise barrier design in various software (drawing in auto-cad, Barrier height in SoundPlan, wind load etc in StadPro, Noise mapping and modelling in Predictor). Preparation of Report and discussions with the client), Submitted report on time.
(III)	Noise/vibration assessment in central Sec-Kashmiri gate corridor of phase-III of MRTS project	Consultancy Report Submitted	DMRC, Delhi	As Project Leader - Noise & vibration study and vibration prediction during construction, during operation and their remedial measures.
(IV)	Noise, Vibration & Privacy study along Central Sec.- Badarpur DMRC Corridor –Stage I/Stage II Study	Consultancy Completed	DMRC, Delhi	As Project Leader - DMRC has installed the noise barrier as suggested by CRRI, stage-II study has been done by CRRI after installation of noise barrier.
(V)	Noise Barrier Design for Dr. B.R.Ambedkar Road four Flyovers	Consultancy Draft Report Submitted	MMRDA, Mumbai	As Project Leader - Responsible for overall Supervision and conduct of the noise study, traffic count , house hold survey, noise barrier survey, noise modelling, noise mapping, noise barrier design in various software (drawing in auto-cad, Barrier height in SoundPlan, wind load etc in StadPro, Noise mapping and modelling in Predictor). Preparation of Report and discussions with the client), Submitted report on time.
(VI)	Noise Barrier design for Suman Nagar-Nav Ghar	Consultancy Draft Report Submitted	MMRDA, Mumbai	As Project Leader - Responsible for overall Supervision and conduct of the noise study, traffic count , house hold survey, noise barrier survey, noise modelling, noise mapping, noise barrier design in various software (drawing in auto-cad, Barrier height in SoundPlan, wind load etc in StadPro, Noise mapping and modelling in Predictor). Preparation

				of Report and discussions with the client), Submitted report on time.
(VII)	Noise Barrier design for Metro Rail, Mumbai	Consultancy Draft Report Submitted	MMRDA, Mumbai	Project Leader- All work as above
(VIII)	Noise Barrier design for Mono Rail, Mumbai	Consultancy Draft Report Submitted	MMRDA, Mumbai	Project Leader- All work as above
(IX)	Noise Barrier Design for JJ Flyover, Mumbai	Consultancy Final Report of Stage-I completed	MSRDC, Mumbai	Project Leader- All work as above
(X)	Noise & Vibration Study for L&T Metro-Hyderabad all three corridors (72 km)	Consultancy Draft Report Submitted	L&T Metro, Hyderabad	Project Leader- All work as above
(XI)	Noise Vibration & Passenger Comfort along PVNR Expressway-Hyderabad (11.4 km)	Consultancy Final Report of Stage –I Submitted	HMDA-Hyderabad	Project Leader- All work as above
(XII)	Noise, Vibration & Security Aspects for Aloft Hotel	Consultancy Final Report Submitted	Aloft Hotel	As Project Leader - CRR I has ruled out the bulletproof glass suggested by Airport Authority in case of terror attack from hotel to Aeroplane, Now all the hotels owners has save the money more than 100 crore after CRR I recommendations.
(XIII)	Study Of Vibrations Due to Movement Of Heavy Vehicular Traffic On The Munirka Flyover, Delhi (Completed)	Consultancy Final Report Submitted	Delhi PWD	Co-PL
(XIV)	Noise Vibration & Privacy issue along salt Lake Corridor by Kolkata Metro Rail Corporation Limited (KMRC)	Consultancy Final Report Submitted	KMRC, Kolkata	Project Leader

(XV)	EIA Study for preparation of Detailed Project Report for proposed Metro phase-III of Delhi Metro Rail Corporation Limited (DMRC), Delhi	Consultancy	Delhi Metro Rail Corporation(DMRC), New Delhi	Activity Leader -Noise
(XVI)	EIA of Rehabilitation Centre at Bhai Veer Singh Marg, New Delhi	Consultancy	Delhi Metro Rail Corporation(DMRC), New Delhi	Activity Leader –Noise
Tender Documents Including (Technical Specification & Financial Proposal) Submitted				
Prepared Tender Documents for all 12 various clients including technical specification and financial proposal (costing of detailed noise barrier) because this is a new area and the implementation agency do not aware the tender specification and its costing.				

c. **Research Publications** (in two parts, Papers in Journals and papers in Conferences)

For journal papers.

S. No.	Authors	Title of the Article	Year of Publication	Name of Journal	Country	Vol. No. Issue, Pages	DOI
	Pervez Alam, Kafeel Ahmad, Nasim Akhtar etal,	Study of vibrations produced on five different types of flyovers in Delhi (NCR), India		Sci journal, inder science publisher, international journal of structure engineering	India		
	Pervez Alam & Nasim Akhtar	Reflection and Absorption of Sound on Rigid Pavement Samples in Different Environmental Condition		International Journal of Engineering Research & Technology (IJERT)	India	Vol. 3 Issue 1, January - 2014	
(i)	Nasim Akhtar, Kafeel Ahmad, S. Gangopadhyay	Reflection and Absorption of Sound, In Different Types of Road Surface - Using Microflown Surface Impedance Meter	2012	International Journal of Applied Engineering and Technology	India	Vol. 2 (02), pp. 49 – 55	

(ii)	Nasim Akhtar, Kafeel Ahmad, S. Gangopadhyay	Assessment Of Noise Level In The Vicinity of Birds Habitat At Indore City	2012	Cibtech Journal of Zoology	India	Vol. 1(2) October-December, pp.1-6.	
(iii)	Nasim Akhtar, Kafeel Ahmad, S. Gangopadhyay	Road Traffic Noise Mapping and A Case Study for Delhi Region	2012	International Journal of Applied Engineering and Technology	India	Vol. 2 (4) October-December, pp.39-45.	
(iv)	Nasim Akhtar, Kafeel Ahmad, S. Gangopadhyay	Impact of Environmental Noise Barrier on Noise Reduction and Frequency Shift	2012	International Journal of Geology, Earth and Environmental Sciences	India	Vol. 2 (3) September - December, pp.113-118.	
(v)	Nasim Akhtar, Kafeel Ahmad, S. Gangopadhyay	Noise and Vibration Study along Metro Railway Corridor, at Tapan Sinha Memorial Hospital, Chanditala, Kolkata, India	2012	Journal of Acoustical Society of India	India	India volume 39, No.2, pp. 63-69.	
(vi)	Nasim Akhtar, Kafeel Ahmad, S. Gangopadhyay	Assessment of Road Noise Prediction Model (CoRTN) for Indian Conditions	2012	Indian journal of air pollution control	India	Vol. 12 pp. 57 – 71.	
(vii)	Nasim Akhtar, Kafeel Ahmad, S. Gangopadhyay	Comparative assessment of road noise prediction models for Indian conditions	2012	Environmental Pollution Control Journal	India	Vol. 14, pp. 80 – 84.	

II.1.2 Papers Published in Conference Proceedings

S. No.	Authors	Title of the Article	Date/ Year	Name of Conference	Venue	Vol. No. Pages	Publisher
(I)	Nasim Akhtar, Kafeel Ahmad, S. Gangopadhyay	Annoyance Due to Different Road Traffic Vehicles	March 24, 2012	National Conference on Ecotoxicology and Health Hazard	Hisar	Available on CD/hard copy	PG Jat College, Hisar
(II)	Nasim Akhtar, Kafeel Ahmad, S. Gangopadhyay	Assessment of Road Noise Prediction Model (RLS-90) for Indian	March 24, 2012	National Conference on Ecotoxicology and Health	Hisar	Available on CD/hard copy	PG Jat College, Hisar

		Conditions		Hazard			
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- 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.)