

A NATIONAL CONFERENCE ON



NOISE AND AIR POLLUTION

NAP 2019

OCTOBER 11-12, 2019

ORGANISED BY



Department of Civil Engineering
Sardar Vallabhbhai National Institute of Technology (SVNIT)
Surat, Gujarat

About the Institute

The Institute was initially established as Sardar Vallabhbhai Regional College of Engineering & Technology in 1961 and was upgraded as National Institute of Technology with the status of institute of National Importance on Aug 15, 2007. Sardar Vallabhbhai National Institute of Technology (SVNIT) is one of the pioneering engineering institutions of the country which has contributed many outstanding engineers in India and abroad. At present, SVNIT is conducting six UG programs, seventeen PG programs, and a Ph.D. program in all disciplines of engineering and applied sciences. The institute is also running three M.Sc. integrated programs in applied Sciences. The institute has an excellent placement record with a number of top ranking companies visiting the campus every year.

About the Department

The Department has highly qualified faculty members engaged in teaching, research and development with the aim of achieving excellence in their fields. Department offers Doctoral Programs in the following areas:

- Water Resources Engineering
- Environmental Engineering
- Transportation Engineering and Planning
- Urban Planning
- Construction Project Management
- GIS and Its applications

Civil Engineering Department has number of collaborative works with prestigious organizations and institutes like SPCB, SMC, SUDA, CRRI, IIT Bombay, CWC etc.

About the Conference

Department of Civil Engineering at Sardar Vallabhbhai National Institute of Technology (SVNIT) Surat is organizing a National conference on “NOISE AND AIR POLLUTION-2019”. The conference aims at providing a forum for academicians, scientists, researchers, practitioners and consultants for intellectual discussion and dissemination of information derived from their research contributions in the fields on air and noise pollution monitoring, assessment, impact prediction, health issues, mathematical modeling and soft computing.

THEMES

Papers (not limited to following themes) are invited from Academicians, Practicing Engineers, Researchers, Consultants, and others associated with Civil and Environmental engineering.

Air pollution: Monitoring and Modeling

- **Stack monitoring and emission characterization**
- **Plume dispersion modeling**
- **Automobile exhaust monitoring and modeling**
- **Particulate matter emission monitoring**
- **Air quality monitoring and index**

Noise pollution: Modeling and management

- **Noise monitoring**
- **Noise mitigation measures for industries**
- **Traffic noise monitoring**
- **Traffic noise mitigation management**
- **Noise mapping in urban areas (2D & 3D)**

Noise and Air pollution: Health impact assessment and modeling

- **Noise annoyance assessment and modeling**
- **Traffic noise health impact modeling**
- **Dioxins, Furans, Heavy Metals as air pollutants**
- **Effect of PM₁₀, PM_{2.5} and PM₁**
- **Indoor air pollution effects**

Air and Noise: Applications of soft computing in assessment and modeling

Case Studies using following soft computing tools:

- **Fuzzy logic**
- **Artificial neural network**
- **Genetic algorithm**
- **AHP and others**

ORGANISING COMMITTEE

Patron: Dr. S. R. Gandhi, Director, SVNIT Surat

Convener: Dr. S. M. Yadav, Professor & Head, CED, SVNIT

Organizing secretary: Dr. B. N. Tandel, Assistant Professor, CED, SVNIT

Members: Dr. Anjali K Khambete, Professor, CED, SVNIT

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Dr. K. D. Yadav, Associate Professor, CED, SVNIT

Dr. Namrata D. Jariwala, Assistant Professor, CED, SVNIT

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Detox Environmental Consultant,
Surat

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Pollucon Laboratories Surat

Paresh Mevawala
En-pro Env consultancy, Surat

Nagendra Rao Velaga
Associate Professor
IIT Bombay

CALL FOR PAPERS

Full length papers on the said themes are invited electronically through email at nap2k19@gmail.com by July **15, 2019**. Mention your affiliation, mailing address, phone number and e-mail address. The abstract format shall be referred from the detailed guidelines of paper format. Upon acceptance of abstract, you are requested to submit full length paper of the same by **August 10, 2019**. The deadlines are not to be extended in any circumstances.

Participants will be provided with proceedings of full length paper.

IMPORTANT DATES

Full length paper submission:	10th July 2019
Paper acceptance:	25th July 2019
Final Full length paper submission:	10th August 2019
Registration deadline:	31st August 2019
Presentation submission:	31st August 2019
Conference dates:	11-12, October 2019

REGISTRATION FEES

PhD/PG Students:	Rs. 1000 /-
Faculties from academic institutions:	Rs. 2500/-
Industry delegate/ Consultant:	Rs. 4000/-

Prospective participants desirous of attending the Conference are requested to submit the registration form through speed post along with registration fee through Demand Draft in favour of “**Director, SVNIT Surat**” payable at Surat **before August 31, 2019** at the below mentioned contact address.

The registration fee is non-refundable and non-transferable. **At least one of the authors from the submitted paper must register themselves for the conference, for their paper to be published in the conference proceedings.**

Contact details

Postal Address:
Dr. B. N.TANDEL, Coordinator
Department of Civil Engineering
S.V. National Institute of Technology, Surat-395007
Contact:
E-mail: bnt@ced.svnit.ac.in
Mobile: +91-9825553175

Student Coordinators:
1. Ramesh Ranpise - 0985034932
Email- d18ce017@ced.svnit.ac.in
2. Manoj Yadav- 09637316679
Email- yadavmanoj2212@gmail.com

REGISTRATION FORM

A National Conference on Noise and Air pollution, 11-12, October 2019

Name: _____

Age: _____ Gender: Male/Female

Designation: _____

Institute/ Organization: _____

Address for correspondence: _____

Contact number: _____

Email: _____

Category (Please tick [] in the appropriate box):

Presenting Author []

Non-presenting Author [] *Participant* []

Registration fees: Rs. _____

D.D. no.: _____ Date: _____

Drawee bank: _____

Require Lodging / Boarding Facility? **Yes / No**

Date:

Place:

Signature of Applicant

The participation of the student Mr./Ms. _____ from
my Institute in this conference is hereby approved.

Date:

Signature of Head of Department with Seal