

# A NATIONAL CONFERENCE ON



## NOISE AND AIR POLLUTION

NAP 2019

DECEMBER 26-27, 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 PM<sub>10</sub>, PM<sub>2.5</sub> and PM<sub>1</sub>
- 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. M. Mansoor Ahammed, Professor & Head, CED, SVNIT

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

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

Mr. N. N. Patel, Associate Professor, CED, SVNIT

Dr. R. A. Christian, Professor, CED, SVNIT

Dr. S. M. Yadav, Professor, CED, SVNIT

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

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

## **TECHNICAL ADVISORY COMMITTEE**

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IIT, Roorkee

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Surat

Harshal Gandhi  
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](mailto:nap2k19@gmail.com) by November **15, 2019**. Mention your affiliation, mailing address, phone number and e-mail address. The full length paper format shall be referred from the detailed guidelines of paper format. You are requested to submit full length paper of the same by **November 15, 2019**. The deadlines are not to be extended in any circumstances. Participants will be provided with proceedings of full length paper.

## IMPORTANT DATES

<b>Full length paper submission:</b>	<b>15<sup>th</sup> November 2019</b>
<b>Paper acceptance and notification:</b>	<b>22<sup>nd</sup> November 2019</b>
<b>Registration deadline:</b>	<b>30<sup>th</sup> November 2019</b>
<b>Conference dates:</b>	<b>26-27, December 2019</b>

## REGISTRATION FEES

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

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 November 30<sup>th</sup>, 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:  
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## REGISTRATION FORM

A National Conference on Noise and Air pollution, 26-27, December 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

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

Date:

Signature of Head of Department with Seal