

First Announcement



National Conference on “Sustainable Infrastructure Development and Management” (22nd-23rd Feb 2019)

Organized by

Department of Civil Engineering



*Visvesvaraya National Institute of Technology,
Nagpur*

Website: <http://civ.vnit.ac.in/conf>

Background

A sustainable infrastructure fulfils the present societal needs while reducing the impacts on future generations by integrating materials and methods that promote environmental quality, resource efficiency, economic vitality and public safety through its design, construction and operation. In this age of climate change and global warming, sustaining our environment for the future generations is a priority for the humanity. A Sustainable Infrastructure is considered to be one in which maintaining, repairing and upgrading the infrastructure sustains our quality of life. The quality of life depends heavily on developed infrastructure and service systems like water, sewage, energy, transport, telecommunications, etc. Achieving sustainable development of infrastructure and its management is need of hour. *Visvesvaraya National Institute of Technology (VNIT)*, Nagpur in collaboration with other Prominent Institutes and local governing bodies is actively involved in different aspects of sustainable infrastructure management issues. Therefore, the present conference is aimed at discussing a wide variety of topics related to sustainable infrastructure development and management.

Aims & Objectives of the Conference

Infrastructure is essential for increasing economic progress and quality of life. The choices made in the type and scale of infrastructure investment also have major implications for environmental sustainability. The National Conference “*Sustainable Infrastructure Development and Management*” aims to raise the awareness of sustainability in every aspect of Infrastructure development which mainly focuses on the dissemination of information and technology, sharing

of expertise and exchange of views. The main objectives of the conference are to bring awareness of the latest demand and technology for sustainable infrastructure development and management. The key issues to be conferred at the conclave include the state of the Indian infrastructure, role of local bodies for sustainable development, management of infrastructure funds, private investment in development of infrastructure, design development of green buildings, smart transport systems, power distribution models, private sector participation in water and sanitation, solid waste management, business opportunities in social infrastructure and regulatory issues.

About the Conference

The two days National Conference is planned to bring planners, researchers, academicians, practicing engineers, policy-makers, regulators, administrators, investors, legal & IT solution providers, and NGOs on a common platform to share and discuss their experiences, technical advancement, constraints and other significant issues on the sustainable infrastructure development and management. The knowledge sharing and discussions during the conference will be useful in suggesting realistic solutions, recommending a policy framework and opening up new research avenues for the development of better and sustainable infrastructure.

In view of the aforesaid vision, the following *themes* are proposed for the discussion in the conference:

INNOVATIVE SUSTAINABLE BUILT ENVIRONMENT

- Sustainable Environmental Planning & Development
- Sustainable Construction - Techniques and

Technologies

- Water and Natural Resources Management- Design & Disaster Prevention
- Wastewater Recycling & Reuse
- Solid Waste Management
- Intelligent Transport Systems
- Infrastructure Health Monitoring
- Pollution Prevention & Control– Air, Noise, etc.

INFRASTRUCTURE MANAGEMENT

- Simulation Techniques for Optimization of Resources
- Infrastructure Asset Management & Structural Impact Analysis
- Improving Project Management Delivery and Performance
- Stakeholders Management
- Application of New Equipment's- Emission Reduction Strategies
- Application of Green Materials in Infrastructure Development

SOCIO ECONOMIC ASPECTS

- Socio-Economic Impacts of Infrastructure Development
- Protection of the Environment and Promotion of Ecological Aspects
- Private-Public-Partnership (PPP)
- Role of Local Governing Bodies in Urban Infrastructure Management: New Laws, Taxes, Finance Schemes & Economic Modeling

About the Institute

Named after the great Engineer, Statesman & Visionary of modern India, Sir Visvesvaraya, Visvesvaraya National Institute of Technology,

Nagpur (VNIT) was established in 1960 as a joint venture of Government of India and Government of Maharashtra. As a prestigious national institute, VNIT has long recognized its role in engineering education, generation and dissemination of useful & relevant technological, industrial & economical development of the country, the institute has contributed in the application of science & technology in the service of the society through different programs of International aid & assistance, the institute has all along endeavored to discharge its obligations successfully with the efforts of its faculty expertise & well developed world class facilities.

Call for Technical Papers

Extended abstracts, not exceeding 500 words, of technical papers are invited covering the broad areas of conference. The extended abstracts should clearly indicate the objective, methodology, and the anticipated/achieved results of the study. These should be neatly word processed (Times New Roman-12 points, double-spaced, A4 size) and the softcopy should be sent to the Organizing Secretaries by email/CD and the hardcopy by post.

Important Dates

Submission of Extended abstract: 30th Nov., 2018

Intimation of acceptance: 15th Dec., 2018

Submission of full paper: 31th Dec., 2018

Intimation of correction: 15th Jan., 2019

Submission of corrected Manuscript: 31st Jan., 2019

Registration Fees

Professional Delegate: Rs. 3000

Student Delegate: Rs. 1000

Spouse: Rs. 1500

Payment should be made through Demand Draft favoring “VNIT, Nagpur” payable at State Bank of India, Nagpur.

Accommodation

Limited accommodation is available in the Institute Guest house & PG Hostel. Rooms will be made available on Payment basis & availability as per the Institute Norms. Accommodation can also be arranged in nearby hotels on special request on prior intimation.

Financial Support

Private, semi-Government and Government organizations involved with manufacturing, construction, consultancy, R&D and other areas related to Urban Infrastructure Development & Management are requested to sponsor SIDM-2019. Details of sponsorship fees are provided below.

Category	Sponsorship	Entitlement
Platinum Sponsor	Rs. 2,00,000	12 free delegates
Gold Sponsor	Rs. 1,50,000	10 free delegates
Silver Sponsor	Rs. 1,00,000	7 free delegates
Principal Supporter	Rs. 50,000	5 free delegates
Co- Supporter	Rs. 30,000	3 free delegates
Supporter	Rs. 20,000	1 free delegate

Interested esteemed organizations are also requested for providing financial support for advertisement in the conference proceedings are categorized below:

Category	Sponsorship	Entitlement
Back Cover Page	Rs. 30,000	2 free delegates
Inside Cover Page	Rs. 20,000	2 free delegates
Full Page	Rs. 15,000	1 free delegate
Half Page	Rs. 10,000	1 free delegate

Names of organizations in any of the above categories will appear on the conference website and proceedings. Their contributions would be duly

acknowledged through display at the Conference venue. Additionally, they would have the freedom to display their products, services and give demonstration at the venue. Organizations willing to come forward and financially support SIDM-2019 are requested to contact the Convener.

Exhibition

An exhibition of books and products related to Urban Planning, Infrastructure Development & Management, etc. is planned during the conference. The stall's will be allocated to the interested organizations for the display (10'X10') during the conference on first come first serve basis. The fees will be Rs. 25,000/- only.

- *GST shall be charged extra as 18% for all financial transactions.*

CHIEF PATRON

Dr. Pramod M. Padole
Director, VNIT, Nagpur

PRINCIPAL CONVENER

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CONVENER

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ORGANIZING SECRETARY

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REGISTRATION FORM

SIDM-2019

NAME:

Sex(Male/Female):

Designation:

Organization:.....

Address for Correspondence:

.....

Telephone:..... **Email:**.....

Attending Conference: Y/N

Presenting Paper: Y/N **Presenting Poster:** Y/N

Accompanying Person:

Accommodation required: Y/N

Payment of Registration fee: Demand draft in favor of VNIT, Nagpur payable at State Bank of India, Nagpur

Draft No./Date

Signature of the Participant.....