

National Conference on SUSTAINABLE INFRASTRUCTURE DEVELOPMENT (NCSID)

March 13 – 14, 2014

ABOUT CHITKARA UNIVERSITY

Chitkara University, Himachal Pradesh was established in the year 2008 by the Himachal Pradesh State Legislature under the "Chitkara University Act". It is a government-recognized university, is included in the list of universities maintained by the University Grants Commission, and has the right to confer degrees as per the Sections 2(f) and 22(1) of the UGC Act, 1956.

The Chitkara School of Engineering & Technology, a constituent institution of Chitkara University, Himachal Pradesh offers industry-relevant engineering programs. The curriculum of these programs is delivered in capacious classrooms with the aid of information and communication technology (ICT) equipment, as well as on traditional black-boards. The School boasts of a well-stocked library and excellent on-campus accommodation facilities for students.

At the University, academics are only one crucial cog in the wheel of holistic development of students. Ample encouragement and suitable facilities are provided to students so that they engage in co-curricular and extra-curricular activities. There are chapters of several clubs and societies on campus, as well as facilities for several sports.

The various national and international collaborations of Chitkara University ensure that learning opportunities for students are always aplenty. Moreover, student exchange programs ensure that foreign students regularly add to the cultural diversity of our campus, while our students take the Indian culture to foreign universities and institutions. The university also possesses an impressive on-campus recruitment record, with many blue-chip companies regularly visiting, and recruiting from our campus.

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Prof. & Head, Civil Engg. Dept.
NITTTR, Chandigarh

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National Conference on Sustainable Infrastructure Development (NCSID)



Organized by

Civil Engineering Department
National Institute of
Technical Teachers' Training & Research
[Ministry of Human Resource
Development, Govt. of India]
Sector 26, Chandigarh 160 019
(An ISO 2001:2008 Certified Institute)
www.nitttrchd.ac.in

and

Civil Engineering Department
Chitkara University
Himachal Pradesh
Pinjore – Barotiwala Highway
Atal Shiksha Kunj, Atal Nagar
Barotiwala, District Solan,
HP 174 103
www.chitkara.edu.in/hp

Venue of the Conference

National Institute of Technical Teachers' Training & Research
Sector 26, Chandigarh

National Conference on Sustainable Infrastructure Development (NCSID)

INTRODUCTION

Modern and reliable infrastructure is essential to the development of any nation. The availability of infrastructure in the economy is a major precondition for attaining the principle objective of economic growth of developing world, both in passable quantity and quality. The deficiency of infrastructure will certainly hamper not only economic growth but also affect different facets of development like a country's economy, social security as a whole, and sustainable economic growth, political progress as well as business environments.

The Indian economy is getting bigger and better. Going with the estimates that Asia's third largest economy will become the world's third largest by 2050; a need for more robust and vast infrastructure is inevitable and continues to be the focus for the Government. Spanning from roadways to airways, ports to airports and power production facilities, infrastructure segment enjoys intense attention from top-grade policy makers of the country. Liberal and supportive Government policies coupled with deliberate strategies to promote infrastructure; spells great opportunities for engineering and construction (E&C) and Infrastructure management companies in India.

The alarming increase in the rate of urbanization and consequent industrialization have posed challenges on natural resources, construction materials and practices forcing new ways and means for infrastructure development. This conference will focus on the information exchange on these new developments to stimulate further in-depth study in this field as well as the close collaboration among the conference participants in the future. The topics of the proposed conference will cover both basic research and practical application of this industry. The conference will be multi-disciplinary in nature, covering a wide range of expertise in Infrastructure Design, Planning and Management; Infrastructure Development and Economic Growth; Infrastructure Governance and Politics & Infrastructure Investments and Financing

OBJECTIVES

The conference shall serve as a platform to create awareness and appreciation amongst academicians, scientists, researchers and practitioners from various disciplines and sectors about infrastructure development; deliberate on new initiatives in latest technologies in the field of infrastructure; formulate concrete strategies with optimal utilization of available resources for developing these technologies; consolidate the suggestions, strategies and recommendations made during the conference and disseminate knowledge on the topic.

THEMES

- Sustainable Infrastructure Development and Green Growth
- Smart materials and advanced construction practices
- Infrastructure Procurement and Project Management
- Infrastructure Maintenance and Facilities Management
- Infrastructure Planning and Management
- Infrastructure Disaster Management
- Transport Infrastructure
- Energy Infrastructure
- Water Management Infrastructure
- Urban Infrastructure
- Solid Waste management
- Earth moving and construction equipment industry
- Skilled manpower and safety
- Social Responsibility in Infrastructure Development
- Cultural Perspectives of Infrastructure Development
- Legislations and Government policies related to Infrastructure Development,
- Case Studies

CALL FOR PAPERS

- Academicians, Researchers and Corporate Executers are invited to send papers covering original research work and case studies. The abstracts should not exceed 300 words, 12 point font size, Times New Roman on MS word with single line spacing.
- The length of full paper should be about 4000 words, 12 point font size, Times New Roman, MS Word, 1.5 line spacing.
- Papers submitted in PDF format will not be accepted.
- Tables, illustrations, charts, figures, etc. should be serially numbered.
- References would be listed on a separate page at the end and should be appropriately indicated in the text of the paper by super scribing the relevant reference number.
- Each paper must contain an undertaking (duly signed by each of the authors) that it is exclusively for the said conference. The format is attached in the brochure.
- One hard copy should be sent to the conference convener along with a soft copy. The soft copy can be mail at seminar.civil7@gmail.com or registrar@chitkarauniversity.edu.in

PROCEEDINGS

All papers accepted for presentation in the Conference will be published in the proceedings having ISBN Number. Few selected papers will be published in the National Journal of Engineering of Technology Education published by National Institute of Technical Teachers Training & Research (NITTTR) and in the Journal of Today's Ideas Tomorrows Technologies, published by Chitkara University.

March 13 – 14, 2014

SUBMISSION DEADLINES

Submission of abstract	-	21st January, 2014
Intimation of acceptance of abstract	-	31st January, 2014
Receipt of Full length Paper as per prescribed format	-	14th February, 2014
Last date of receipt of Application for Registration	-	04th March, 2014

SPONSORSHIPS

Joint collaboration	- ₹ 50,000/- (6 free delegates)	Sponsors	- ₹ 30,000/- (4 free delegates)
Co-Sponsors	- ₹ 15,000/- (2 free delegates)	Proceedings	- ₹ 50,000/-Conference/Dinner-40,000/-

Advertisement in proceedings

Full color page	- ₹ 5000/-	Half color page	- ₹ 2500/-
Full black page	- ₹ 2500/-	Half black page	- ₹ 1500/-

CONTACT PERSONS:

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REGISTRATION FEE

Academic/Research Institutes	- ₹1500/-	Research Scholars/Students	- ₹ 500/-
Industry	- ₹ 2000/-	Foreign delegates	- US \$ 100

The registration fee covers the proceedings, conference, kit, refreshment and lunch during the days of the Conference. The registration fee may be paid by cash/demand draft in favour of Director, NITTTR, Chandigarh, Payable at Chandigarh.

Accommodation can be provided in the institute hostel for delegates on request. Participant are requested to ask for accommodation in advance.

CHANDIGARH – THE CITY BEAUTIFUL

Located at 270 km north-west of New Delhi, City Beautiful Chandigarh, a well-planned and one of the fastest growing metropolitan cities of modern India, has emerged as an ideal Education and Training Centre in recent times. The city is a hub of many R&D projects, academic and industrial institutions including: SCL, Terminal Ballistic Research Lab, Snow & Avalanche Studies Institute, BEL, Software Technology Park, C-DAC, Medical and Engineering Colleges, Post Graduate Medical Institute, Central Scientific Instruments Organization etc. The city also offers pleasing sights in Rose Garden, Botanical Garden, Topiary Park, Terrace Garden, Rock Garden, Capital Complex, Museum and Art Gallery, Sukhana Lake etc. The city is well connected with rail, road and air transport with all major cities of India.

WEATHER

In the month of March, there will be mild cold conditions. Light woolen clothes will be required during this period.

ABOUT NATIONAL INSTITUTE OF TECHNICAL TEACHER'S TRAINING AND RESEARCH

National Institute of Technical Teachers' Training and Research, Chandigarh has been established by Ministry of Human Resource Development, Government of India for the development of Technical Education. The institute has excellent laboratories, library, computer centre and modern reprographic and other production facilities. The institute offers short term courses in the areas of Civil, Mechanical, Electrical and Electronics Engineering, Educational Management, Entrepreneurship Development, Rural Development, Applied Science and Computer Science.

Civil Engineering Department offers a variety of professional level courses such as Concrete Quality and Mix Design, R.C.C. Design, Repair and Rehabilitation of Structures, Construction Planning and Management, Construction, Operation and Maintenance of Tubewells etc. in addition to courses in areas like Soil Engineering, Environmental Engineering, Highway Engineering and Irrigation and Hydraulics Engineering, Software Applications etc. Civil Engineering laboratories in the relevant field are well equipped for carrying out laboratory and field experiments.



REGISTRATION FORM
National Conference on
Sustainable Infrastructure Development (NCSID)

March 13-14, 2014 at NITTTR, Chandigarh

Name: _____

Age : _____ Sex : Male Female

Designation: _____

Official Address : _____

Phone (With STD Code) : _____ Mobile : _____

E-mail: _____

Whether presenting a paper: Yes No

If yes, kindly indicate the title _____

Whether Accommodation Needed: Yes No

Arrival/Departure Details:

Date and Time of Arrival _____

Date and Time of Departure _____

Details of Registration Fee: DD/Cheque Cash

DD/Cheque No. & date _____

Amount in Rs. _____

Name of Bank _____

**(Demand Draft/Cheque to be drawn in the favour of Director, NITTTR Chandigarh,
Payable at Chandigarh)**

Signature of the Applicant

**Signature of the Sponsoring Authority
with office seal**

Date : _____

Place _____

AUTHOR'S DECLARATION
National Conference on
Sustainable Infrastructure Development (NCSID)

March 13-14, 2014 at NITTTR, Chandigarh

I declare that the paper entitled “_____”

authored by “_____”

submitted for the National Conference on “Sustainable Infrastructure Development (NCSID)” held by the Civil Engineering Department, National Institute of Technical Teachers' Training and Research, Chandigarh and Civil Engineering Department, Chitkara University, Himachal Pradesh from 13-14 March, 2014 at NITTTR, Chandigarh is work carried out by me/under me. Due acknowledgment has been made for references from other sources. The paper has not been published elsewhere.

Dated:

(Author(s))