

International Conference

Call for papers

The conference is inviting original research and practice papers on all civil engineering and construction related aspects of the resource management cycle, from the minimization of waste, through the eco-friendly re-use and processing of waste materials, to the management and disposal of residual wastes. The range of subjects covered encompasses, but is not restricted to, strategies for reducing construction waste through better design, improved recovery and re-use, more efficient resource management, the performance of materials recovered from wastes.

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Institution of Engineers (I): Local Chapter

Conference Themes

- Waste Characterization and Management
- Waste Mechanics, Waste Dump and Engineered Landfill
- Appropriate Use of Waste Materials in infrastructure projects
- Construction and Environmental Issues
- Geotechnical reuse of solid waste
- Remediation of contaminated sites
- Urban sustainability and Infrastructure Development
- Embedded Structural and Foundation Systems
- Geohazards mitigation
- Environmental Geomechanics
- Geosynthetics and their Appropriate Use with respect to Waste
- Lessons from the field and case studies
- Coal combustion residual landfills
- Construction and demolition waste landfills
- Mine waste rock piles and dumps
- Mechanics for Concrete Structures built using waste products
- Automated Design and Construction
- Numerical Modelling and Risk Analysis
- Durability and Survivability under Extreme Conditions
- Eco-efficient and Ultra-high Performance Cementitious Materials
- Chemical Conversions of Materials
- Composite Materials, Laminates and Fibers
- Natural and Synthetic Polymers/ Polymeric Materials
- Reinforced Materials and Plastics
- Advanced Hazardous Substance Control and Management
- Bio - and Environmental Geomechanics
- Municipal solid Waste Landfills
- Green and Sustainable Environmental Management
- Biological treatmet and energy production
- Water / Waste Water Treatment
- Integrated Water Technology
- Membrane Bioreactors and Membrane Water Treatment
- Hazardous waste, Radiological and mixed waste landfills
- Leachate Collection and Management

Dates and Venue

The conference will be held at Guru Nanak Dev Engineering College Ludhiana during 2 - 3, November, 2018. The official language of the conference is English.

Call-for-Papers

Prospective authors are invited to submit the full length papers, relevant to the themes of the conference, online by visiting the following link:

<https://cmt3.research.microsoft.com/SWMD2018>

The paper(s) must reach the conference secretariat by the due date (July 15, 2018). The Springer will process all papers through iThenticate, a software to automatically detect potential plagiarism issues.

Registration Fees

The authors of the accepted paper have to register for the conference by 25 August, 2018. The fee structure is shown below:

IGS/IGS-LC members	Rs 2500/-
Non-IGS members	Rs 4000/-
Research scholars/ Students	Rs 1000/-
Foreign delegates/ authors	\$ 200/-

The fee can be paid by the way of a Bank Draft payable at Ludhiana, in favour of *IGS-Ludhiana Chapter*. It includes lunch, tea / coffee, refreshments, conference dinner and a copy of the conference proceeding.

Who Should Participate

- Design Engineers and Architects
- Contracting Engineers
- Research Funding and Professional Bodies
- Local and Regional Authorities
- Highway Authorities and Designers
- Academicians, Researchers and Students

Accommodation

Limited accommodation is available in the College Guest House. A list of hotels in the city offering discounted Conference rates will be provided on the Conference website shortly. Please note that the accommodation is not included in the Conference fee and the delegates are responsible for their own accommodation.

Travelling to Ludhiana

Ludhiana is an industrial hub of Punjab, well known for the cycle and hosiery industry. It is well connected to the rest of India by Rail, Air and Road. The local climate during the November will be pleasant with temperature ranging from 15°C to 25°C.

Nearest Railway Station: Ludhiana Junction.

Nearest Airports: Ludhiana; Chandigarh; Amritsar

Important Trains Halting at Ludhiana:

Shatabdi Express; Shalimar Express; Malwa Express; Amritsar Golden Temple Express; Pachim Express; Jhelam Express; New Delhi-Amritsar Express; Sachkhand Express; Dadar-Amritsar Express; Tata Hatia–Jammu Tawi Express.

Sponsorship and Exhibition

The focal point of the Conference is to bring different people and technologies together at a common platform. Therefore, equipment/instruments manufacturers, building materials manufacturers, contractors, consultants, are invited to sponsor the event and take the opportunity to exhibit and network with the delegates. Sponsors will gain exposure from a range of promotional benefits including free trade fair space, free delegates and promotion on the Conference website, brochure and programme. Conference website will prominently display details of Sponsors and a link directly to the Sponsor’s own website. Sponsors company profile will also be printed in the Programme given to all the delegates at the Conference. An enclosed space of approximately 3 m x 3 m with a table, a chair and power connection shall be made available at a tariff of Rs 25,000/- and if some sponsorer wants to make a presentation to the audience, it will be Rs 50,000/-.

About the College

Guru Nanak Dev Engineering College is an **autonomous college** of UGC. It was established in 1956 by the Nankana Sahib Education Trust, founded in memory of the most sacred temple of Nankana Sahib, the birth place of Guru Nanak Dev Ji with an aim of ‘*Removal of Economic Backwardness through Technology*’. To fulfil this commitment, a unique admission criterion was adopted by the trust by reserving 70% seats for students from the rural areas. At present, 07 UG and 13 PG courses are being offered in engineering. The college also offers MBA and MCA courses at the PG level. The college has been declared **QIP centre** for Ph.D. by AICTE in Civil Engineering, Mechanical Engineering and Electrical Engineering from the session 2011-2012.

About the Department

Civil Engineering Department has been *accredited* by National Board of Accreditation (NBA) since 2004 and is an **QIP Centre** for Ph.D by AICTE, New Delhi and also supported under **FIST** scheme of *DST*, *GOI* and **TEQIP-II** scheme of *GOI*. Currently, it is running three full time PG programmes (Structural Engg.; Geotechnical Engg.; Environmental Science & Engineering) and one part-time PG programme (Soil Mechanics and Foundation Engineering) along with UG programme in Civil Engineering. The department has the state of art facilities for pursuing various R & D activities. The Department is actively engaged in providing consultancy services to different government and private sector in and around Punjab with an annual turnover of approximately Rs Two crore.

Conference Advisory Committee

(Names are in Alphabetical order)

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Process Engineer, RVAA Ltd, London, Canada

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Principal, MIT, Muzaffarpur

Professor K S Rao

Department of Civil Engineering, IIT Delhi

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Department of Civil Engineering, NIT Hamirpur

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Jadavpur University, Kolkata, India

Dr T. Palanisamy

Department of Civil Engineering, IKG PTU Jalandhar

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Location Map of Ludhiana and Famous tourist places.....

Darbar Sahib, Amritsar; Rock Garden and Lake, Chandigarh; Lodhi Fort, Ludhiana; Khalsa Heritage Complex Anandpur Sahib; Jallianwala Bagh; Durgiana Temple; Wagha Border; Bhakra Dam; Ranjit Sagar Dam



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Guru Nanak Dev Engineering College, Ludhiana

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Department of Civil Engineering,

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Department of Civil Engineering,

Guru Nanak Dev Engineering College, Ludhiana

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(Travel related matter)

Department of Civil Engineering,

Guru Nanak Dev Engineering College, Ludhiana

Conference Technical Partner



Address for correspondence

For sending copy of the registration form, and full length paper:

Harvinder Singh, Professor

Department of Civil Engineering,

Guru Nanak Dev Engineering College,

Gill Park, Gill Road, Ludhiana-141006,

Punjab (INDIA).

Website: <http://gndec.ac.in/~igs/ldh/>

e-mail : igs.ldh@gmail.com;

hs@gndec.ac.in

Phone No. : +91-99148-00906

For sponsorship information, please contact:

Puneetpal Singh, Assistant Professor

Department of Civil Engineering,

Guru Nanak Dev Engineering College, Ludhiana

e-mail : ppsc390@gmail.com

Phone No. : +91-97818-16320

For exhibition related matters, please contact:

Prashant Garg, Assistant Professor

Department of Civil Engineering,

Guru Nanak Dev Engineering College, Ludhiana

e-mail : prashant.ced@gmail.com

