



**International Conference
On
Recent Trends in “Civil Engineering, Architecture and Environmental Engineering
for Global Sustainability”
(CEAEGS- 2016)**

**Organized by
“Krishi Sanskriti Publications”**

**On
19th June, 2016**

**Venue:
Jawaharlal Nehru University,
New Delhi**

CALL FOR PAPERS AND CONFERENCE THEMES:

The Organizer cordially invites abstracts and full length research papers for oral/poster presentation from all over the world to participate in the **International Conference on Recent Trends in “Civil Engineering, Architecture and Environmental Engineering for Global Sustainability” (CEAEGS-2016)**. Topics of interest for submission include various subthemes, but are not limited to the conference aims. The aim of the **CEAEGS-2016** conference is to provide a forum for laying the foundations of a new principled approach to Architecture, Urban Planning, Built Environment, Material Engineering and Civil/Environmental Engineering. To this end, the meeting aims to attract participants with different backgrounds, to foster cross-pollination between different research fields, and to expose and discuss innovative theories, frameworks, methodologies, tools, and applications for sustainable development. All contribution should be of high quality, Original and not published elsewhere or submitted for publication. During the review period, Papers will be reviewed by eminent scholars in the respective areas. All Selected papers will be published as chapters in edited book/conference proceedings having ISBN and few high-end papers will be published in international Journal having ISSN No. which will be issued to authors after publication.

Themes:

Architecture And Civil Engineering

- Advertisement, fashion and home
- Alternative ways of designing and constructing
- Architect as an artist/engineer
- Architect as an engineer
- Architectural and social function of space
- Architectural criticism on housing & house
- Architectural Criticism, Critical Theory and ‘Critical Architecture’
- Architectural design and "Free Will" of the architect
- Architectural movements and house
- Architecture and Capitalism
- Architecture and political art
- Artistic creativity and models of creative process
- Building sustainability assessment tools
- Buildings, urban life and environment
- City Planning and daily life
- Conservation (buildings and nature)

- Conserve energy, water and other resources
- Construction Engineering
- Creativity in history of art and architecture
- Critical Theory and Space
- Daily life and architecture
- Definitions of house/home
- Design for climate change
- Design for flexibility
- Designing Inclusive Environments
- Eco-materials and technologies
- Energy and Environment
- Everyday life, ideology and culture
- Health and safety
- History of individual spaces and modernity
- House & Architectural Education
- House design in the 21st century
- House from the perspective of social sciences (sociology, anthropology etc.)
- House in the 20th century
- Houses of the Architects
- Ideology and Architecture
- Indoor environment quality and benchmarks
- Interior design and home
- Life Cycle Analysis
- Lives of Buildings
- Location and Urban Design
- Modern architecture as a new way of producing space
- Multidisciplinary Studies on architecture
- New Cement-Based Materials
- Philosophy and architecture
- Physiological perspectives to the house
- Politics and House
- Politics, urban planning and design
- Post modernism and architect's new role
- Reduce the noise, pollution, flooding and microclimatic effects
- Rehabilitation
- Representation of space in the fictional narration and fictional places
- Social inclusion
- Space as a composition
- Space as a perceived object

- Structural creativity, technological progress
- Subjective and objective values of creativity
- Sustainable design, construction and development
- The “Genius Loci” of House
- The history of home & house
- Theory of the house: Manifests
- Use of industrial waste
- Use of non-conventional materials
- Waste minimization
- A comparative study on durability of concrete tunnels undertaken in AP irrigation projects
- Air Monitoring
- Air Pollution Control
- Bio - Engineering Techniques For Erosion Control In Slopes
- Biomimicry
- Building Codes
- Building Planning and Design
- CO2 emission and reductions
- Coastal feature-cuspate forelands and crenulate bays
- Constructional Safety
- Disaster Recovery
- Efficient creation of rebar drawings
- Elastic plastic bending, load carrying capacity of steel members
- Environmental Impact Assessment
- GIS for Civil Engineers
- Hazardous Waste Disposal
- Intelligent Transport System
- Interlinking of Indian Rivers -Challenges and Prospects
- Oceans as a Non-conventional Source of Energy
- Power quality improvement
- Pre-Stressed concrete Box girders
- Pushover analysis – cyclic loading, deterioration effect in RC Moment Frames in pushover analysis
- Rehabilitation and Resettlement Policy
- Remote Sensing
- Runway Resurfacing
- Safety In Nuclear Power Plants
- Seismic Analysis Of Structures (Bridges)
- Seismic Retrofitting In Buildings
- Smart material actuators
- Smart Materials
- Smart Structures
- Solid Waste Management
- Use Of Discrete Fiber In ROAD CONSTRUCTION
- Use of Geogrids in Waste Containment Applications
- Value Engineering
- Water Supply And Sanitation
- Advance Construction Techniques
- Advanced Construction Materials : Microsilica In Concrete
- Advanced design of concrete structures
- Advanced Reinforced Concrete
- Advances in composite materials
- Application of Genetic Algorithm in Irrigation Scheduling
- Application Of Large Deformation Analysis In Soil Mechanics
- Approaches To Greenbelt Design
- Automated creation of post-tensioning shop drawings
- Concrete Technology
- Deterioration of Reinforced Concrete
- Fatigue Behaviour Of Steel Fibre Reinforced Concrete Beams
- Fatigue Crack Propagation under Mixed Mode Loads
- Fire Behavior Of Steel Penetrating Concrete Wall
- Foundation design in Marine Soils
- Geo technical Engineering
- Geosynthetics
- Geotextiles and Geomembranes Instead of Concrete
- Instrumentation and sensing technology
- Intelligent Transportation Systems
- Latest Technology for Surficial Stability in Steep Slopes
- Liquefaction - Thixotropic Clay
- Mixed Traffic Control & Behavior
- Nanomaterial
- Passive Solar Buildings
- Pavement Design By Using Geotextile
- Pavement Evaluation And Application Of Geotextiles In Pavements
- Perpetual Pavements
- Piano Key Spillways for Dams
- Pile-Soil Situation
- Plum Concrete
- Prestressed concrete design advances
- Recent trends in electricity pricing
- Recycled Aggregate Concrete
- Recycled pavement materials
- Recycling Of Waste water
- Rehabilitation of pavement systems
- Repair Using Modern Materials & Techniques
- Reservoir Induced Seismicity
- Runway Resurfacing And Repair Using Modern Materials & Techniques
- Seaming of geomembranes and geotextiles
- Seismic analysis of integral Bridge
- Seismic Behavior Of Isolated Bridges
- Seismic Isolation Devices
- Seismic Retrofitting & Rehabilitation of Bridges
- Self Compacting Concrete
- Shore protection and beach nourishment
- Silica Fume Concrete
- Slump Test & Cone test- Workability evaluation of Concrete
- Soil Mechanics-Soil mineralogy and electro-kinetic phenomena

- Stabilisation Of Clay Using Lime And Pond Ash
- Superplasticisers For Ready Mix Concrete Plants
- Thermally Comfortable Passive House For Tropical Uplands
- Thermo Mechanical Behaviour of Clay
- Triaxial Compression test - Evaluation of cohesive soil

Architecture and Urban Planning

- Architectural Design and Theories
- Architectural Engineering
- Architectural Environment and Equipment Engineering
- Bio-Architecture and Cities
- Building Energy Conservation and Green Architecture
- Computers in Architecture
- Ecological Architecture
- Ecological Construction and Intelligent Control
- Feng Shui And Vaastu Shastra
- Individual buildings and building types
- Landscape Planning and Design
- Solar architecture of a building
- Sustainability indices in architecture
- Urban Design and Development
- Urban regeneration and sustainable development

Smart, Sustainable and Healthy cities Planning

- Mitigation of Heat Island Effect
- Mixed-use Urban Development
- Rehabilitation of Damaged Sites
- Spatial Planning and Infrastructure Development
- Urban Sprawl and Density Optimization
- Energy/Water Efficiency
- Building Integrated Renewable Energy
- Monitoring Energy Consumption of Building

Structural Engineering

- A new composite element for FRP Reinforced Concrete Slab
- Analysis of large dynamic structure in environment industry
- Building environmental assessment methodology
- Theoretical study on High frequency fatigue behavior of concrete
- Theory and Advanced Technology of Engineering Structure

Civil, Structural and Material Engineering

- Acid sulphate soils/estuarine wetlands rehabilitation
- Activated Flyash as a Binder in Pavement
- Admixture Incompatibility in fresh concrete
- Advancement in Concrete Technology
- Bamboo as a Building Material
- Behavior of RC Structures subjected to blasting
- Biomaterials
- Bridge and Tunnel Engineering

- Bridge Engineering
- Carbon fiber
- Cast-in-Place Architectural Concrete
- CFST Columns
- Chloride Corrosion in Concrete Beams
- Civil Engineering Materials
- Computer Simulation and CAD/CAE
- Concrete Structures
- Construction Challenges For Bridges In Hilly Area
- Design Considerations For Roadside Safety
- Design of continuous beams and girders
- Design of flexible pavements
- Design of hydraulic structures such as weirs, reservoirs, dams
- Detection and Transformation
- Differential Settlement on Storage Tank Shells
- Drainage considerations in pavements design
- Engineering Aspects Of Reinforced Soil
- Engineering of irrigation systems including canals and rivers
- Environment-Friendly Construction and Development
- Finite element model for double composite beam
- Flexible Pavement
- Formwork and supportive scaffolding
- Fracture Mechanics
- Geological Engineering
- Geosynthetics in Pavement Design
- Geotechnical Engineering
- Geotextiles, geomembranes, geogrids and geonets
- High-rise Structure and Large-span Structure
- Highway Design and Safety
- Hydraulic and Hydro-Power Engineering
- Improvements in Numerical Modelling and Analytical Approaches
- Long Term Behaviour of Concrete Bridges
- Nanomaterials

Materials Science and Engineering

- Modern Concepts Of Rural Road Development
- Monolithic Concrete Domes
- Multifunctional Materials
- Natural Fibres In Concrete
- New constructive Techniques and Systems
- New Structure and Special Structure
- Non-Destructive Testing
- Photovoltaic Materials
- Plastic as Soil Stabilizer
- Post tensioned concrete beams
- Prediction of soil response to earthquake motion
- Pre-stressed concrete design advances
- Properties of Fiber Cement Boards for building partitions
- Provision of Tunnels
- Reactive Powder Concrete

- Recycled Aggregate Concrete and pavement materials
- Retroplate Concrete polishing system
- Road and railway engineering
- Road, Bridge and Railway Engineering
- Seismic analysis of interlocking blocks in walls
- Seismicity and Construction
- Shape optimization of Reinforced underground tunnels
- Smart Materials and Structures
- Soil Improvement Techniques
- Soil-pipe interaction: The environmental aspect
- Spintronics Materials and Devices
- Stabilization of Clay Using Lime and Pond Ash
- Strengthening effect for RC member under negative bending
- Structural Analysis and Design
- Structural Engineering and Disaster Reduction
- Structural Failures
- Structural Liability, Durability and Health Monitoring
- Structural Rehabilitation, Retrofitting and Strengthening
- Superplastic Materials
- Super-plasticisers for Ready Mix Concrete Plants
- Thermal Expansion of Concrete
- Thermo Mechanical behavior of Clay
- Time history analysis of Bridges
- Tunnel, Subway and Underground Facilities
- Urban Transportation Planning
- Utilization of wastes in construction
- Vane Shear test
- Water Supply and Drainage Engineering

Environmentally Friendly Civil Engg. Construction and Materials

Structure, Geopolymer and Other Construction Materials:

- Geopolymer technologies
- Environmentally friendly construction materials
- Sustainable structure
- Construction design and modeling
- Green construction
- Risk-safety construction management
- Acoustics
- Adaptive and Smart Systems
- Innovative Thermal Insulation Systems
- Performance of Buildings
- Thermal Comfort

Water Resources and Environmental Management:

- River, estuary and natural waterways
- Subsurface and Groundwater Flow
- Water engineering and modelling
- Raw water facilities
- Irrigation
- Urban drinking water supply and distribution
- Flood mitigation

- Hydropower
- Land and water conservation
- Urban environment management and policy
- Environmental management and modeling

Transportation and Urban Infrastructure:

- Highway and traffic engineering
- Road structure and pavement
- Mass transportation system
- Transportation design and modeling
- Seaport engineering
- Coastal and offshore protection and engineering
- Airport design and construction
- Infrastructure asset management

Geotechnical Engineering:

- Landslide prevention
- Natural disaster mitigation and management
- Foundation engineering
- Land management
- Post earthquake Infrastructure rehabilitation
- Soil investigation

Environmental dynamics

- Advances in biological, physical and chemical processes
- Air emission trading
- Anaerobic treatment
- Atmospheric modeling and numerical prediction
- Atmospheric physics
- Biodegradation of hazardous substances
- Biofuels
- Brownfields rehabilitation
- Building Technologies
- Carbon capture technologies, CO2 transport, storage and use
- Climate Change and Sustainability
- CO2 emission and reductions
- Construction and Renewable Energy Sources
- Design and technologies for energy efficiency and conservation
- Designing Inclusive Environments
- Development issues
- Disaster Management and mitigation
- Disinfection and disinfection by- products
- Energy and the environment
- Energy Conservation and Equipment
- Engineering Structure Safety and Disaster Prevention
- Environmental Engineering and Environmental Protection
- Environmental impact assessment and mitigation

Built Environment

- Building Planning and Design
- Construction management in disaster-prone areas
- Cost-effective construction technology
- Reducing the impact of earthquakes in cities

Abstract Submission:

Abstracts not exceeding 300 words on any of the aforesaid themes should be sent to the Organizing Secretary through email at conferencedelhi123@gmail.com on or before **11th June, 2016**.

Submission of Full Length Research Paper

Full length research paper, maximum in 6 pages and copyright form should be submitted together as separate attachment latest by **13th June, 2016** through email at - conferencedelhi123@gmail.com

Submission of Registration form:

Submission of Registration fees latest by **15th June, 2016**. Registration process can be initiated after receiving acceptance letter of full paper.

Accommodation

Free one day Accommodation will be available to the limited no. of out station non N.C.R. Delegates at JNU guest house and nearby other guest houses/hotels around conference venue.

The Tariff rate for next day and subsequent day accommodation is as follows: Double-bed Room @ Rs.800/- per person (Indian non N.C.R. delegates) and 35 USD for Foreign delegates on sharing basis per day (check out time noon to noon).

To and fro transportation facility from guest house to the conference Venue will be provided by the organizer.

NOTE: In case Research article is accepted by the editorial committee it will be published and released on the day of conference in case the delegates are not able to physically present their paper due to some or other reason his/her research paper will be published (in absentia) and published copy along with certificate will be dispatched to his/her correspondence address by post just after the conference at no extra cost. **All communication should be by e-mail/online only (no hard copy is required to be posted).**

Registration

The participants are requested to register by sending the duly filled Registration form through e-mail along with their research paper and registration fees (**through RTGS/ Wired Transfer or Online Transfer**)

Bank Details mention below for **RTGS/ Wired Transfer or Online Transfer:**

Beneficiary Name : Krishni Sanskriti Publications
Bank Name : Canara Bank
Bank Address : Jit Singh Marg, New Delhi
Account No. : 1484201003088
Account Type : Current
IFSC Code : CNRB0001484
Swift Code- : CNRBINBBID

Registration Charges:

Categories	Indian Delegates	SAARC/ African Country Delegates	Rest of the countries
Academic faculty/Industrial Delegates	4000 INR	125 USD	250 USD
Research Scholars(Ph.D) / NGO Representative	3500 INR	100 USD	200 USD
Students(B. Arch./B.Tech/ M. Arch./M.Tech /M.Sc etc)	2500 INR	75 USD	150 USD
Printing of Additional Page in Books /Journals	300 INR	15 USD	20 USD
Listener / Accompanying Member(only Indian Delegates)	1500 INR	**	**
Book/Journal & Certificate (additional copy) for Co-Authors in absentia (if required)	700 INR	20 USD	30 USD
Only Books/Journal (additional copy) for Co-Authors in absentia (if required)	500 INR	15 USD	25 USD
Only Certificates (Co-Authors in absentia)	300 INR	10 USD	20 USD
Additional Research paper for same authors	1500 INR	25 USD	35 USD

****Foreign Participants as listener are not allowed, only authors from foreign country/countries will be allowed in this conference.**

Mandatory steps to be followed:-

1. In case of multi authored research paper, at least one Registration is mandatory.
2. In case other author/co-author wish to physically attend the conference they need to pay full Registration fees individually, separate Journal & Certificate along with the conference kit will be issued to them. Co- Authors are requested to fill & submit separate Registration forms in case they are physically attending the conference.
3. Charges for extra copy of Journal/ Certificate for other Co-author (if required) should be paid along with preliminary Registration by the corresponding author.
4. Co-Authors will not be considered as accompanying person. Listeners are not entitled for free accommodation (it will be on paid basis). However they will be issued conference kit and participation certificate.
5. All Selected papers will be available online after 15 to 20 days of conference date over, in order to download the papers the authors need to go in the publication section of Krishni Sanskriti website.

For further information visit our Website

<http://www.krishnisanskriti.org/ceaegs.html>

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