

ONLINE-INTERNATIONAL CONFERENCE

On

Recent Trends in “Civil Engineering, Architecture and Environmental Engineering for Global Sustainability” (CEAEGS- 2021)

Organized by:

“Krishi Sanskriti” New Delhi

On

22nd August, 2021



- All the sessions will be conducted in “Online Mode”.
- All the participants will be provided a web link for joining with detailed schedule before the Conference.
- E Certificates and online publication links will be sent to the participants through emails.

CALL FOR PAPERS AND CONFERENCE

THEMES:

The Organizer cordially invites abstracts and full length research papers from all over the World to participate in the **online-International Conference on Recent Trends in “Civil Engineering, Architecture and Environmental Engineering for Global Sustainability” (CEAEGS-2021)**. Topics of interest for submission include various subthemes, but are not limited to the conference aims. The aim of the **CEAEGS -2021** 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 in International Journal having ISSN No. in online version and that will be released on the day of conference.

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 21th 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

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

IMPORTANT DATES

Abstract Submission:

Abstracts not exceeding 250-300 words on any of the aforesaid themes should be sent to the Organizing Secretary through email at

conferencedelhi123@gmail.com on or before **14th August, 2021.**

Submission of Full Length Research Paper & Copyright Form:

Full length research paper, maximum in 6 pages and copyright form should be submitted together as separate

attachment latest by **16th August, 2021** through email at conferencedelhi123@gmail.com

Submission of Registration Details:

Submission of Registration Form/Details: **20th August, 2021.** Registration process can be initiated after receiving acceptance letter of full paper.

MANDATORY STEPS TO BE FOLLOWED:

1. Abstract should be maximum 300 words, full length research paper should be maximum 6 pages.
2. In case of multi authored research paper, at least one Registration is mandatory.
3. All Selected papers will be available online after 10 to 25 days of conference date over, in order to download the papers the authors need to go in the publication section of Krishi Sanskriti website.

Registration

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

Bank Details mentioned below for **RTGS/Wire Transfer or Online Transfer:**

Beneficiary Name : Krishi Sanskriti
Bank Name : Canara Bank
Bank Address : Jeet Singh Marg, New Delhi
Account No. : 1484101026988
Account Type : Saving
IFSC Code : CNRB0001484
Swift Code : CNRBINBBID

Registration Charges:

Categories	Indian Delegates	Rest of the countries
Academic Faculty/Industrial Delegates	2000 INR	100 USD
Research Scholars(Ph.D.)	1500 INR	75 USD
Students (UG and PG)	1200 INR	50 USD
Additional Pages as chapter in edited book/proceeding /in Journals	300 INR	20 USD
Only Certificates	300 INR	20 USD
Additional Research paper for same authors	800 INR	35 USD

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<https://www.krishisanskriti.org/ceaegs.html>

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