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International Conference 29-30 September-2022 Smart and Sustainable Technologies for Disaster Resilient Infrastructure SST-DRI 2022 virtual conference



In Association with

Center for Research & Sustainable Development (CFRSD),
 Rajasthan (India)
 Institution of Engineers (Nagpur Centre)
 Indian Water Works Association (Nagpur Centre)
 Association of consulting Civil Engineers (I), Nagpur Centre
 Indian Geotechnical Society Nagpur Chapter



Organized By Department of Civil Engineering



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About the College and Department

Shri Ramdeobaba College of Engineering and Management, Nagpur was established in 1984 with a mission to impart quality education in the field of engineering and management. It is NAAC (A+) Accredited, Autonomous, ISO 9000:2015 Certified Institution. It is running 12 undergraduate engineering programs, 7 post graduate pro-grams, MCA, MBA and is a recognized place of research. All the ranking agencies have ranked it consistently one of the best unaided private college in Maharashtra. Due to excellence in academic and transparent system of governance, Government of Maharashtra has passed a bill to convert it into a self-financed university. The department of civil engineering was established in 1984. It runs undergraduate and two postgraduate programs in Structural Engineering and Geotechnical Engineering. The undergraduate program is accredited 5 times by NBA and Post Graduate program in structural engineering is also accredited. It has well developed laboratories and experienced faculties which apart from quality teaching extend support to testing and consultancy to industries.

SSTDRI - 2022

With the increasing unplanned urbanization, their impacts are increasing, which is primarily associated with poorly planned and undamaged urban development, degraded ecosystems, and poverty. Unplanned urbanization has been a challenge, increasing the vulnerability of cities to natural as well as man-made hazards. Disaster is an event or a series of events that give rise to casualties and damage or loss of properties, infrastructure, environment, essential services or means of livelihood on such a scale which is beyond the normal capacity of the affected community to cope with. Disaster is also a catastrophic situation in which the normal pattern of life or eco-system has been disrupted and extraordinary emergency interventions are required to save and preserve lives and or the environment". Cities can become disaster resilient through multi-sectoral and multi-stakeholder approaches along with policy level intervention. It is always required that the preparedness (resilience) of the cities should be such that minimum time is taken in response, recovery and risk reduction measures. International Conference on "Smart and Sustainable Technologies for Disaster Resilient Infrastructure (SSTDRI) - 2022 aims to raise the awareness of sustainability in every aspect of Infrastructure Development. The two days International 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 sustainable infrastructure development.

Keynote Speakers

Dr. Gajanan Sabnis - Washington USA
Dr. Dukiya Jaiye - Nigeria
Dr. Ehsan Farsangi - Iran
Dr. Deepak Sharma - California
Dr. Ravi Kanzode - Canada
Dr. S. K. Barai - BITS Pillani
Dr. Vimal Gahlot - Bikaner
Dr. Sameer Bajpai - NIT Raipur

Important Dates

Full Paper Submission:08-08-22
 Notification of Acceptance:23-08-22
 Camera Ready paper Submission & registration:05-09-22
 Registration as a delegate:15-09-22

Paper Publication

The selected and registered papers will be submitted for publication in International Journal Indexed in Scopus

Registration Fee

| Delegate | Indian | Foreign |
|------------------------|----------|---------|
| Academician/Researcher | Rs. 600 | \$ 25 |
| PG Students | Rs. 300 | \$ 15 |
| Industry | Rs. 1000 | \$ 30 |

Authors whose papers will be selected for publication shall be informed about the additional processing charges.

Registration link : https://rcoem.in/anon_evForm.htm?ev=100

Call for Papers

Academicians, Researchers, Scientists from R&D organizations, Professionals from government/Private/PSUs and students are invited to contribute papers and participate in conference.

Technical paper submission

Submission of papers should be made through Easy-chair submission system as per the guideline available on conference website

<http://sstdri.rk nec.edu>

For assistance please contact

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 Dr. Rajendra Khapre M. 9960256533 Email: khapre@rk nec.edu
 Prof. Sumit Geete M. 9850777336 Email: geetess@rk nec.edu

Conference Theme

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| Smart Transportation and Urban Planning | Smart Materials, Infrastructures and Management |
| Intelligent Traffic Management | Earthquake Resistant Structures |
| Advance Safety control | Repair and Rehabilitation of Structures |
| Sustainable and efficient public transportation | Green building & Energy efficient Structures |
| Sustainable water way management and Harbour Development | Effect of Climate Change on Infrastructures |
| Water distribution system and modeling | Hydrological Infrastructures |
| Waste disposal for Urban planning | Flood risk management |
| Sewage treatment system | Infra structural health Monitoring |
| System for recycling e-waste | Composite Structures |
| Advance waste collection | Disaster Management |
| Rainfall and rainwater harvesting | GIS and Drone Technologies for Civil Engineering |
| Groundwater Management | Sustainable Management of Civil Engineering Practices |
| Smart Transportation with Urban Planning | |
| Environmental Geotechnics | |
| Green Highways and Expressways Development | |
| Advances in Mass Rapid Transit | |

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