

**11** YEARS  
OF UNIVERSITY  
RECOGNITION  
**21** YEARS OF  
ACADEMIC  
EXCELLENCE



**REVA**  
UNIVERSITY  
Bengaluru, India



# School of Civil Engineering

Organises

8th International Conference on

## Sustainable Materials & Practices for Advanced Research in

Civil Engineering (SMPARCE-2024) (Hybrid Mode)

Date: 12<sup>th</sup> & 13<sup>th</sup> July, 2024

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## About Conference

The conference theme of "Sustainable Materials and Practices for Advanced Research in Civil Engineering" (SMPARCE – 2024) encapsulates the essence of innovation and responsibility within the realm of infrastructure development. It signifies a dedicated pursuit towards harmonizing human progress with environmental stewardship. Throughout the conference, scholars, practitioners, and policymakers converge to explore the integration of eco-conscious materials and methodologies into the fabric of civil engineering. Themes of resilience, efficiency, and longevity permeate discussions, as participants delve into the forefront of sustainable design and construction practices. Embracing interdisciplinary collaboration, the conference fosters a fertile ground for the exchange of ideas, strategies, and best practices aimed at mitigating environmental impact while enhancing the durability and functionality of civil infrastructure. Through conference presentations, and collaborative endeavours, attendees engage in a collective journey towards shaping a more sustainable and resilient built environment for future generations. We hope that our Conference will offer a unique opportunity for interesting and fruitful interactions to all participants, providing them with memorable and pleasant experiences.

## Important Dates

- Last date for submission of abstract 22nd April, 2024
- Last date for acceptance of abstract 12th May, 2024
- Last date for submission of full-length paper 5th June, 2024
- Last date for acceptance of full-length paper 25th June, 2024
- Last date of registration 6th July, 2024

## Registration Fee Details

- For UG, PG & PhD Scholars: INR 2000/- (USD 40\$)
- For Academicians: INR 3000/- (USD 60\$)
- For Industrialist: INR 5000/- (USD 80\$)

## REGISTRATION FORM

### Sustainable Materials & Practices for Advanced Research in Civil Engineering (SMPARCE-2024)

Name:.....	Paper ID:.....
Designation:.....	.....
Department:.....	Name to be printed on certificate:
Institution:.....	.....
Address:.....	.....
.....	Transaction Reference:.....
.....	.....
Mobile:.....	Signature of participant:
Email ID:.....	Date:.....



## Call for Papers

The conference will have plenary lectures followed by parallel sessions. Plenary lectures will be delivered by eminent personalities of repute, to introduce the theme of the conference. Conference will provide a platform to postgraduate students, researchers, young aspiring engineers, academicians to present their research findings of their respective domains of knowledge and share ideas. The Scopus indexed journal / conference proceedings shall be updated on website in few days. Only selected papers will be published in reputed journal after review process from publishers.

## About REVA University

REVA University is a State Private University established in Karnataka State under the Government of Karnataka Act No. 13 in the year 2012 in Bengaluru, the IT capital of India. The University is recognised by the University Grants Commission (UGC) and is approved by the AICTE (All India Council for Technical Education).

REVA University prides itself in contributing to every student's holistic development. The University currently offers 38 full-time Under Graduate Programmes, 33 full-time Post Graduate programmes, 20 PhD programmes, and certification and diploma programmes. The University offers programmes in Engineering, Architecture, Science and Technology, Commerce, Management Studies, Law, Arts & Humanities, and Performing Arts. Courses are offered in Certificate/Diploma and Post Graduate Diploma too. REVA University facilitates research leading to a Doctoral Degree in all disciplines. The programmes offered by REVA University are well-planned and designed based on methodical analysis and research with emphasis on knowledge assimilation, practical applications, hands-on training, global and industrial relevance, and their social significance.

Teachers and instructors with illustrious academic experience are the architects of the meticulously designed curriculum and program modules offered at REVA University. They come with industrial exposure and experience that often translates through their teaching, thus bridging the gap between the industry and academia.

REVA University has an updated, ever-evolving collection of books, journals, and digital content in the library with the latest IT infrastructure that ensures students have information at their disposal. The lush green campus, state-of-the-art laboratories, custom-designed classrooms to enable seamless learning, and world-class indoor and outdoor sports facilities make REVA University the most preferred university among students and MNCs that visit the campus for placements.

## About The School of Civil Engineering

The School of Civil Engineering is headed by highly experienced Professors and is supported by well qualified faculty members. The school has state-of-the-art classrooms and well-equipped laboratories. It offers B.Tech in Civil Engineering and M.Tech programs in Computer Aided Structural Engineering, Transportation Engineering & Management and Construction Technology & Management, in addition to one-year certification programmes in various streams.

The school also has research program leading to doctoral degree. The curriculum of both graduate and postgraduate degree programs have been designed to bridge the gap between industry – academia and hence they are industry application oriented. Civil Engineering teaching was limited to planning, analysis, design and execution of different types of infrastructure like buildings, roads, bridges, dams and power plants. However currently, due to increase of techno - logical sophistication and demand for higher living standards geared up by economic growth and concerns about environ – mental impact have changed the scope of Civil Engineering. REVA University would like to offer Civil Engineering Programme to produce quality engineers who are effective and efficient in problem solving and providing economical and sustainable infrastructural solutions.

## Who can Participate

Academicians, Research scholars and Postgraduate students from various universities and institutions, working professionals from industry and R&D organizations across the country are invited to participate and submit the articles.

## Research Areas

### Materials, Structures and Construction

- Advances in Science and Technology of Cement, Admixtures and Concrete.
- Concrete with Recycled Materials.
- Sustainability of Concrete and Durability of Concrete.
- Structural Health Monitoring.

### Geotechnical, Geosynthetic and Geotextile Applications

- Soil Stabilization Material and Methods.
- Reinforced Earth Structures and Materials.
- Ground Investigation and Ground Risk Management.
- Ground Improvement Techniques.

### Water Resources and Environmental Pollution

- Water Resources Planning and Management.
- Ground Water Modeling & Recharge.
- Water and Wastewater Treatment.
- Municipal Solid Waste Characterization and Management.

## Transportation, Surveying, & Construction Management

- Material Characterization.
- Pavement Materials Evaluation.
- Application of Remote Sensing and GIS.
- Time and Cost Optimization in Project Management
- Multidisciplinary Perspectives in Sustainable Infrastructure

**For any queries please contact  
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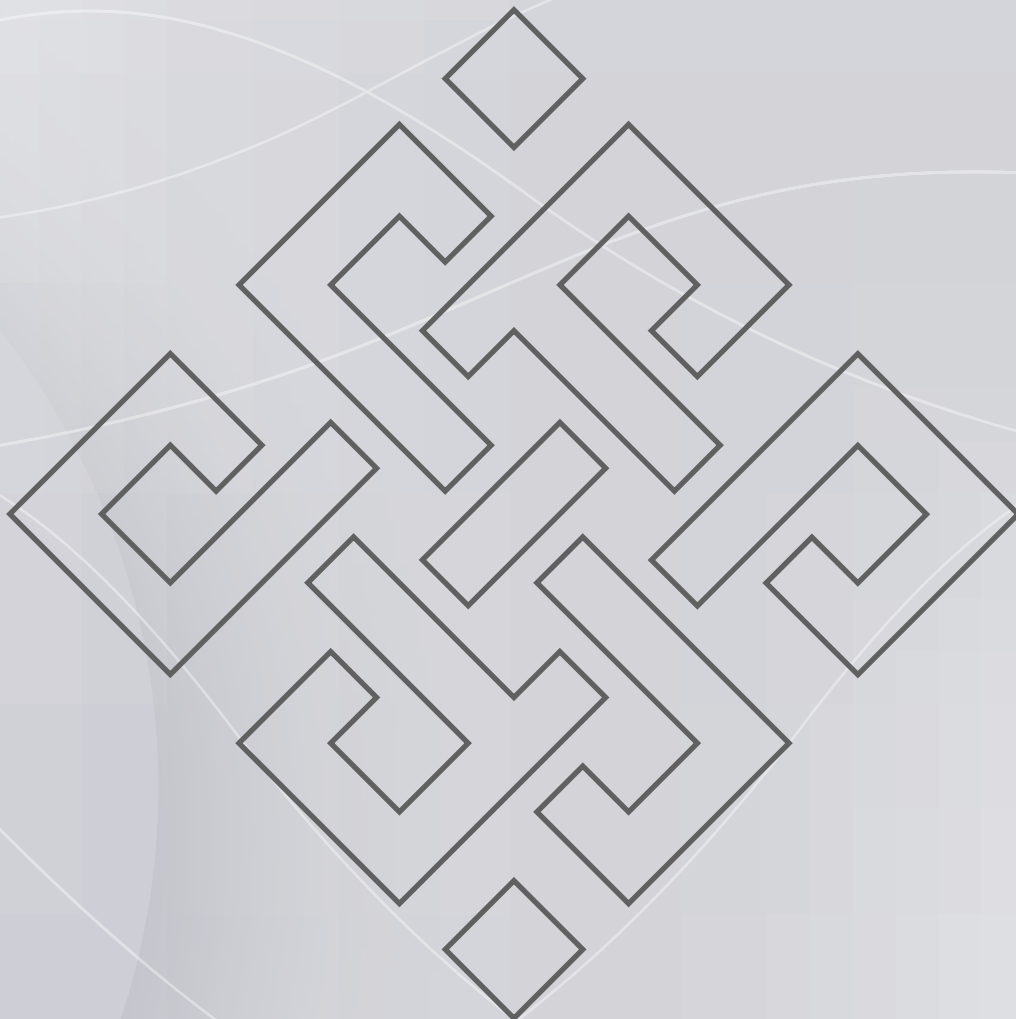
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