

INTERNATIONAL CONFERENCE (Virtual)

On
**Innovative and Sustainable Civil
Engineering Practices 2021
(ICISCEP 2021)**

<https://riet.edu.in/online-conference-2021/>



**RAJADHANI INSTITUTE OF
ENGINEERING AND TECHNOLOGY**

Approved by AICTE & Affiliated to KTU
(NBA* Accredited)

Nagaroor, Attingal, Thiruvananthapuram

ABOUT RIET

Rajadhani Institute of Engineering and Technology, Nagaroor, Attingal was established in 2009, under the aegis of Indira Charitable Trust. Over the years, it has been established as one of the premier Institutes in Engineering and Technology in Kerala. The Institute is approved by AICTE, New Delhi and affiliated to APJ Abdul Kalam Technological University. The institute is offering, eight B.Tech programmes and two M.Tech programmes in Civil Engineering, 2 year MBA programme, 4 year BHMCT and five 3 year Diploma programmes. With state of the art laboratories furnished with latest equipments and experienced faculty, RIET ensures an enriching learning culture. RIET is striving towards promoting start-ups and establishing research centers in association with industry. The curriculum is adequately supported by value added short-term certifications by the industry to meet the global standards of technology education. The pristine and natural terrain of the campus is an ideal place for both learning and fun.

ABOUT DEPARTMENT OF CIVIL ENGINEERING

The Department of Civil Engineering in RIET aims at producing bright graduates in Civil Engineering to meet the rapid technological advances and industrial requirements. The department has highly qualified faculty members specialized in various disciplines of Civil Engineering. The department is also well equipped with laboratories to cater to the academic needs of both UG and PG streams, consultancy and research.

The Department of Civil Engineering was started in the year 2009 with an undergraduate programme affiliated to University of Kerala. The Under Graduate programme B.Tech in Civil Engineering has a sanctioned intake of 60 students. The department offers Post-Graduate programmes like M.Tech in Geotechnical Engineering and Structural Engineering with an annual intake of 18 students each. The Department is accredited by National Board of Accreditation (NBA).

About the Conference

Civil engineering involves planning and execution, transportation of materials, site development based on hydraulic, environmental, structural and geotechnical engineering.

Civil engineering is concerned with overall interface of human created fixed projects. General civil engineers work closely with surveyors and specialized civil engineers to design grading, drainage, pavement, water supply, sewer service, dams, electric and communications supply.

ICISCEP2021 aims at bringing together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results about all aspects of Civil Engineering. It also provides the premier interdisciplinary forum for researchers, practitioners and educators to present and discuss the most recent innovations, trends, concerns, practical challenges encountered and the solutions adopted in the field of Civil Engineering.

ICISCEP2021 aims at providing a major publication channel for wide area of Civil Engineering including but not limited to Structural Engineering, Environmental Engineering, Geotechnical Engineering and Transportation Engineering.

CHIEF PATRON

Dr BIJU RAMESH , Chairman, RIET

PATRONS

Mr AJAYKRISHNAN PRAKASH, Vice Chairman, RIET
Prof.(Dr) S SURESH BABU , Principal, RIET

CONFERENCE CHAIR

Prof.(Dr) MANJU DOMINIC, Professor and HOD, CE, RIET
CONVENOR

Dr P.BRIGHTSON, Associate Professor, CE, RIET

COORDINATORS

Ms. REMYA V.R, Associate Professor, CE, RIET
Ms. REJANI G.S, Associate Professor, CE, RIET

Submission Guidelines

Abstracts not more than 500 words should be sent on or before June 15, 2021. The abstracts will undergo a blind review process and the authors will be intimated regarding the acceptance or otherwise of the submitted abstracts.

The abstracts and full papers are to be submitted through <https://easychair.org/conferences/?conf=iciscep2021>. The length of Conceptual Papers/Empirical Papers/ Theoretical papers shall be in the range of 3000 to 5000 words. The papers shall be typed on A4 size paper in Times New Roman (TNR), 12 point in MSWord, with line spacing of 1.5 and margins of 1 inch (2.5cm) from all sides. The Title/ Cover Page shall contain the details of Title, Author(s), Affiliation (s), Contact Details (e-mail ID & phone No.). Any information conveying identification of the author(s) (including name, affiliation, and acknowledgments) must be removed from the manuscript. Referencing should be done in APA Style. All manuscripts must be formatted according to the APA 6th Edition style guide available at: <http://www.apastyle.org/manual/> The authors may choose to send the full paper in advance for review or abstract in advance for review and the full paper on acceptance of the abstract. Once the author gets the email acceptance for the abstracts submitted, the full paper shall be submitted well before the due date for registration. The authors shall pay the registration fee only after their full paper has been accepted by us.

Publication of Paper

Selected Papers will be published in UGC -Care listed Journals. All other accepted papers for presentation will be published in the Conference proceedings.

Certification :

E-Certificate shall be provided to the participants of the conference

THEMES OF CONFERENCE

Structural Engineering

- Bridge Engineering
- Civil Engineering Design
- Modern Construction Materials
- Retrofitting / Rehabilitation of Structures

Environmental Engineering

- Environmental Engineering & Management
- Solid Waste Management Engineering
- Surface and Ground Water Studies
- Sustainable Building Technologies
- Climate Change and Urban Environment

Geotechnical Engineering

- Geo-environmental Engineering
- Ground Improvement Techniques
- Geotechnical Earthquake Engineering
- Soil-Structure Interaction
- Landslides and Slope Stability

Transportation Engineering

- Road & Bridge Engineering
- Vehicle Safety and Emissions
- Civil and Urban Engineering
- Sustainable Transportation Infrastructures
- Transportation Safety

Important Dates

Last date for Abstract Submission : June 20 ,2021

Notification of acceptance : July 01, 2021

Last date for Camera Ready Paper : August 10, 2021

Last date for Registration : August 20, 2021

Last date for Full paper & PPT : August 20, 2021

Date of Conference : 26th&27th August 2021

TECHNICAL COMMITTEE EXTERNAL

Prof. (Dr) P A M BASHEER, University of Leeds, England
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Ms. REMYA V.R, Associate Professor, CE, RIET
Ms. RAKHI J.H, Assistant Professor, CE, RIET
Ms. DHANYA PRATHAP, Assistant Professor, CE, RIET

Guest Speakers

Eminent resource persons from reputed International and National academic institutions and consultancy firms.

COMMITTEE MEMBERS

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Ms. Geethu Das, AP, CE, RIET

Registration

Registration Link : <https://forms.gle/pwMRC7nQXqHKY6pg9>

Registration Fee : Rs: 300/- For Authors

Rs: 100/- For Participants

For details, contact

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