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- **Dr.M. Narmadha**, Professor, Dept. of Civil Engg.,
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CALL FOR PAPERS

Post graduate students, Research Scholars, and Professionals from educational institutions, R&D centers, Government and Professional organization and industries are invited to contribute papers and participate in the conference.

SUBMISSION AND AUTHOR GUIDELINES

Full length research papers on the mentioned themes/topics are invited in softcopy for the presentation as well as for publishing in the conference proceedings / International Journal indexed in Google scholar with DOI. The maximum number of pages per paper should not exceed 14 with portrait page orientation in A4 size. Softcopy of the paper should be compulsorily sent to acsrace2021@gmail.com.

Acceptance of the paper will be intimated after the review and at least one of the authors of the accepted paper must register by sending the DD or by paying before the last date

REGISTRATION FEES

- ⊙ Registration from Authors/Delegates : Rs.500/-
- ⊙ Registration from for PG students : Rs.300/-
- ⊙ Registration from for UG students : Rs.200/-

Registration Payment can be through

9840453574 / 8722511956



REGISTRATION FORM

Name : _____

Designation : _____

Qualification : _____

Institution : _____

Address for comm. : _____

Email ID : _____

Contact no : _____

DD / Cheque No : _____ Dt: _____

Bank : _____

Place : _____

Date : _____

Signature of the applicant

Signature of the Principal/HOD

**(Photocopy of this Registration form can be used)*

ADDRESS FOR CORRESPONDENCE

CONVENOR, RACE-2021,

Dept. of Civil Engineering, ACS College Of Engineering,
Kambipura, Mysore Road, Bangalore – 560 074, Karnataka.

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FOR FURTHER CLARIFICATION

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ACS COLLEGE OF ENGINEERING

#207, Kambipura, Mysore Road, Bengaluru-74

RACE - 2021

Two Days National Conference on
**RECENT ADVANCEMENTS IN
CIVIL ENGINEERING - 2021**

24th & 25th November, 2021

In Association With



Supporting organizations



Organized by

DEPARTMENT OF CIVIL ENGG.
ACS College of Engineering

Kambipura, Mysore Road,
Bangalore – 560 074, Karnataka

ABOUT ACSCE, BANGALORE

Under the banner of Moogambigai Educational and Charitable Trust founded by Dr. A. C. Shanmugam, ACS College of Engineering (ACSCE) was established in year 2009. AICTE approved and affiliated to VTU. NAAC accredited with A grade and NBA accredited with UG programme (AE, BME, CSE, CV, , EC, ME). The campus is spread over an area of 26 acres. A competent and professional team of 134 faculty members are backing up the steady growth and development of the institute. ACS College of Engineering is easily accessible from all part of country. The institute is located 18km southwest of Bengaluru city along Mysuru-Bengaluru National Highway 275. The Bengaluru International airport is 60km and 20km from Bengaluru City Railway Station.

ABOUT DEPARTMENT OF CIVIL ENGINEERING

Civil Engineering department was started in the year 2009. The institution is affiliated to Visvesvaraya Technological University, Belgaum and is striving to grow as one of the finest centers. Department of Civil Engineering is one of the oldest branch, at ACSCE was started in the year 2009 the department has been imparting quality education to meet the technological advancement and industrial requirements. This has been made possible due to qualified and dedicated faculty, state of the art laboratories and infrastructure facilities. The total student intake at present for BE is 60. The Postgraduate program in Structural Engineering has been started in the year 2013-2014 with an intake of 18 students & current intake is 30. The department is recognized as R&D Centre.

VISION OF THE DEPARTMENT

"To achieve excellence in Technology, Innovation and Research in ethical way to lead and serve the nation"

MISSION OF THE DEPARTMENT

Create and develop sustained environment of learning, to produce high caliber and dynamic Civil Engineers with due consideration of Economy, Ecology and Ethical issues of nation and to provide services to society and construction industry to assist in developing capabilities globally with respect to Science, Technology and Research.

OBJECTIVE OF THE CONFERENCE

RACE-2021 focuses on recent advancements in different fields of civil engineering. The two day National Conference RACE-21 is organized to integrate and pool the ideas, innovation/research and advancements in the area of Civil engineering. The conference will provide a necessary platform to share and exchange the knowledge in different areas of civil engineering. Conference features key note/invited lecture by experts, technical paper presentation by research scholars/PG students, poster presentation for undergraduate students.

THEMES OF CONFERENCE

Theme 1: New generation Sustainable Materials

- ⦿ Sustainable materials
- ⦿ Geopolymer concrete
- ⦿ Special concretes and its applications
- ⦿ Construction chemicals and admixtures
- ⦿ Alternate building materials
- ⦿ Recycled materials for construction
- ⦿ Composite construction

Theme 2: Structural evaluation, Restoration and Rehabilitation

- ⦿ Repair, rehabilitation and retrofitting
- ⦿ Analysis and design of Reinforced Concrete
- ⦿ Structural optimization techniques
- ⦿ Software applications in Civil Engineering
- ⦿ Precast building products
- ⦿ Structural health monitoring of structures
- ⦿ Green building concept/Energy efficient structures
- ⦿ Construction management techniques
- ⦿ Construction safety

Theme 3: Geotechnical Aspects

- ⦿ Soil structure interaction studies
- ⦿ Soil stabilization methods
- ⦿ Soil dynamics and earthquake engineering
- ⦿ Ground improvement techniques

Theme 4: Transportation Engineering

- ⦿ Modern techniques for pavement construction
- ⦿ Road constructions in problematic soils
- ⦿ Advances in Pavement evaluation
- ⦿ Smart Traffic management systems

Theme 5: Environmental and water resource management

- ⦿ Conjunctive use of surface and ground water
- ⦿ Solid waste management
- ⦿ Recycle and reuse of municipal wastewater
- ⦿ Industrial waste management
- ⦿ Integrated water management
- ⦿ Rain water harvesting structures
- ⦿ Applications of GIS & RS

IMPORTANT DATES

Submission of abstract	: 20 th Oct 2021
Notification of acceptance of abstract	: 30 th Oct 2021
Submission of full text	: 05 th Nov 2021
Last date for registration	: 20 th Nov 2021
Conference dates	: 24 th & 25 th Nov, 2021

CHIEF PATRONS

- Dr. A.C. Shanmugam, Chairman, RRG
- Er. A.C.S. Arunkumar, Vice-Chairman, RRG

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- Sri C. N. Seetharam., IAS (Rtd) CEO, RRG
- Dr. T. R. Gopalakrishna Nair., Rector RRG
- Dr. M. S. Murali, Principal, ACSCE
- Dr. Theerthamalai, Dean, ACSCE

CONVENOR

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- Dr. R. Subash Chandra Bose, Associate Professor
- Mr. Shiva Shankar K. M., Assistant Professor

CO-COORDINATORS

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- Ms. Sahana M B, Assistant Professor
- Ms. Soubhagya S, Assistant Professor
- Ms. Bhanu Suresh, Assistant Professor
- Mrs. Navya K S, Assistant Professor

CHIEF GUEST & INVITED SPEAKERS

Dr. T. V. RAMACHANDRA

Co-ordinator, Energy & Wetlands Research Group,
Center for Ecological Sciences [CES]
Convenor, Environmental Information System [ENVIS],
CES TE 15, Indian Institute of Science
Associate Faculty, Centre for Sustainable Technologies (astra)
Centre for infrastructure,
Sustainable Transportation and Urban Planning [CiSTUP]
Indian Institute of Science, Bangalore, Karnataka, India

Er. SUNIL R K

Chief Executive Officer
3E-Services, Bangalore.