

About the Institute

Under the auspices of Avinashilingam Education Trust, the patriot and educationalist of the Institution **Dr. T. S. Avinashilingam Ayya** founded this great temple of learning with the vision to develop and empower women through modern scientific and value based education; and to enable them to lead a purposeful life filled with moral and spiritual values. Nurtured by the world renowned educationalist and nutritionist **Dr. Rajammal P. Devadas**. The institution provides quality education of global standards on a strong foundation of Indian values and traditions to women students based on current advances in Science, Technology and Social demands with emphasis on commitment to social programmes, peace, harmony and national integration. The Institute is scaling the global heights under the leadership of **Dr.T.S.K.Meenakshisundaram** Managing Trustee, Padmashri **Dr.P.R.Krishna Kumar**, Chancellor, **Dr. Premavathy Vijayan**, Vice Chancellor and **Dr. S. Kowsalya**, Registrar of the Institute. Around 6000 students benefit from the Undergraduate, Postgraduate and Research level programmes offered by the Schools of Home Science, Physical Sciences and Computational Sciences, Bio Sciences, Arts and Social Sciences, Commerce and Management, Education and Engineering.

School of Engineering

The School of Engineering was started in the year 1996 with the approval of AICTE. The campus is spread over an area of 100 acres and is situated 6 km off Mettupalayam Road at Thudiyalur. The campus is well developed with excellent infrastructure for classrooms, laboratories, library, hostel, on-campus medical & banking facilities, transportation, telecom, stationery, cafeteria, 24 hours internet facility and Wi-Fi connectivity. The scenic and serene campus set amidst a variety of flora and fauna help in holistic development.

About the Department

The Department of Civil Engineering was established in 2005. The Department offers B.E. and Ph.D. programmes in Civil Engineering. The Department is actively involved in research activities in the field of Structural, Construction Management, Green Buildings, Energy and Environmental Engineering. The department has dynamic faculty members with good academic and industrial experience and has well equipped laboratories such as Structural, Environmental, Geotechnical, Hydraulics, Survey and Concrete & Highway. The Department has well established linkages with industries and Civil Engineering Professionals in the region. The department has a CSIR sponsored Research Laboratory catering to needs of research and academics. Patent has also been filed by the faculty.

About the Conference and Topics

Civil Engineering Structures are most expensive national investments and asserts. Therefore it is necessary to use non destructive techniques to monitor their health. This Conference will provide platform for Professionals and researchers in the area of smart sensing technologies and their applications in civil infrastructures. The topics cover various aspects including novel smart sensing mechanisms and devices for civil infrastructures, applications of smart sensors and sensing systems in civil infrastructures. In recent years, numerous civil infrastructures have been built in metropolitan areas all over the world. The performance of these infrastructures during construction, operation, maintenance, and upgrading is a major concern for the society. The use of smart structural health monitoring has attracted much attention due to their exceptional benefits.

Conference Topics

- Applications of IOT in Civil Engineering Projects
- Smart Structures and Materials
- Infrastructural Engineering
- Structural Health Monitoring
- Recent Advances in Civil Engineering & Innovative Construction Materials
- Sensors like Optic, Piezoelectric, Magnetostrictive and Self dispersing fibre reinforced Composites.

ORGANIZING COMMITTEE

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School of Engineering

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Two days National Conference on
“INTELLIGENT SENSING TECHNOLOGIES
FOR CIVIL ENGINEERING
APPLICATIONS”
ISTCEA 2020

21st & 22nd February 2020

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REGISTRATION FEE DETAIL

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Bank.....
(DD Should be in favour of “The Registrar,
Avinashilingam Institute for Home Science and
Higher Education for women” Payable at
Coimbatore)
Date :
Place :

Signature of the Applicant

CERTIFICATE

Mr. / Ms. /Dr.....is an
employee of our Institution. He / She will be
permitted to attend the Conference for the entire
duration, if selected.

*Signature of the Head of the
Institution with seal*

Eligibility

Faculty members, research scholars and UG/PG students from all AICTE approved Engineering colleges as well as any disciplines in polytechnic Colleges and Professionals from Public, Private Sectors .

Registration Details

Registration by the participants should be done in the prescribed format duly attested by the Head of the Department/ Institution along with the Registration fee in the form of a Demand Draft (DD) drawn in favour of “The Registrar, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore” (Please indicate your Name and Institution at the back of DD). Filled registration form, along with the DD should be sent through post on or before **15.02.2019**

The research papers in full text (5 to 6 pages) in IEEE format highlighting the state-of-art and novelty may be submitted by E-mail. Selected full paper will be published in proceeding with ISBN number.

Registration Fee

UG, PG students, Research scholars,
Faculty from academic institutions and : Rs.500
R&D organizations

Important Dates

Submission of full length paper : **05.02.2020**
Date of intimation of accepted : **10.02.2020**
papers
Registration fee : **15.02.2020**

Address for Communication

Co-ordinator,
ISTCEA 2020

Department of Civil Engineering
School of Engineering
Avinashilingam Institute for Home Science and
Higher Education for Women, Varapalayam,
Chinna Thadagam (P.O), Coimbatore- 641 108

Email: istcea2020@gmail.com



Avinashilingam Institute for Home Science and Higher Education for Women
(Deemed to be University under Category 'A' by MHRD, Estd. u/s 3 of UGC Act 1956)
Re-accredited with 'A+' Grade by NAAC. Recognised by UGC Under Section 12 B
Coimbatore-641 043, Tamil Nadu, India

Two days National Conference on
“INTELLIGENT SENSING TECHNOLOGIES FOR
CIVIL ENGINEERING APPLICATIONS”
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Organized by

**Department of Civil Engineering
School of Engineering
(Approved by AICTE)**

Avinashilingam Institute for Home Science and
Higher Education for Women,
Coimbatore-641108
Website: www.avinuty.ac.in