

About the University

Under the auspices of Avinashilingam Education Trust, the patriot and educationalist 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; 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 societal demands with emphasis on commitment to social needs, peace, harmony and national integration. The University is scaling 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 by the Schools of Home Science, Physical Sciences and Computational Sciences, Bio Sciences, Arts and Social Sciences, Commerce and Management, Education and Engineering.

About 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.

About the Department

The department of Biomedical Instrumentation Engineering established in 1996, offers B.E. (Biomedical Instrumentation Engineering). This programme is Accredited by NBA under TIER-I. The department also runs M.E. (Medical Electronics) and Ph.D. Programme in Biomedical Instrumentation Engineering. A UGC funded B.Voc Medical Equipment Technology is also being run. The department has highly qualified and committed faculty members. The laboratories are well established with state of the art equipment.

The department has benefitted from linkages with multi-specialty hospitals in the region. The department has strong linkage with industry for both research and academics. The department is active in research activities in Biomedical Signal and Image Processing domain. Patents have been filed by faculty and many funded projects are being executed.

About the Conference

The National Conference on Artificial Intelligence Applications in Engineering and Technology (AIAET'20) is a forum where the creation and exchange of ideas related to artificial intelligence and its importance in various fields will be the main goal. We solicit research papers as full text (5 to 6 pages) in IEEE paper template highlighting the state-of-art research and developments in Biomedical Engineering. All submitted papers will be reviewed by the technical committee of the conference. Selected full length papers will be published as proceedings with ISBN number. Original contributions are solicited on topics covered under broad areas of application of Artificial Intelligence (but not limited to)

Topics

- AI applications in Health Care
- AI in Agriculture
- Smart mobility & Transportation
- Smart cities & Infrastructure
- AI in Social Media & Defence

All papers must be submitted through email only. The conference will facilitate professionals and researchers to exchange ideas and network to solve emerging problems using AI.

National Conference on Artificial Intelligence Applications in Engineering and Technology AIAET'2020 21st February 2020

REGISTRATION FORM

Name: Dr./Mr./Ms.....

Designation:

Department:

Organization:.....

Category: Student /Research Scholar / Faculty /Industry

Address:.....

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Mobile No:.....

E-mail id:.....

REGISTRATION FEE DETAIL

Name of the Bank :

Amount : Rs.....

DD No. :Date:

Signature of the applicant with date

CERTIFICATE

Dr./Mr./Ms.....

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

Signature of the HoD /
Head of the Institution with seal

Eligibility

Faculty members, Research scholars and PG students from Universities, Engineering colleges and Industry personnel are invited to attend the program.

Registration Details

Registration should be done by the participants 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 University for Women", payable at Coimbatore (Please indicate your Name and Institution at the back of DD). Filled registration form, along with the DD should be sent through post / Email, on or before 20.02.2020.

UG students may submit full papers along with their guide/supervisor.

Registration Fee

UG, PG students & Research scholars	:	Rs. 500
Faculty from academic institutions and R&D organizations	:	Rs. 750
Industry personnel	:	Rs. 1000

Important Dates

Receipt of manuscript	:	15.02.2020
Date of intimation of accepted papers	:	17.02.2020
Registration fee	:	20.02.2020
Registration of other delegates/non authors	:	20.02.2020

Address for communication:

Co-ordinators - AIAET '2020

Department of Biomedical Instrumentation Engineering
School of Engineering
Mobile: 8760188345, 9500410017
Email: aiaet2020@gmail.com
Website: www.avinuty.ac.in

ORGANIZING COMMITTEE

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The Avinashilingam Educational Trust

Padma Shri Dr. P.R. Krishna Kumar, Chancellor,
Avinashilingam Institute for Home Science and Higher
Education for Women, Coimbatore.

Patrons

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Avinashilingam Institute for Home Science and Higher
Education for Women, Coimbatore.

Dr. S. Kowsalya, Registrar,
Avinashilingam Institute for Home Science and Higher
Education for Women, Coimbatore.

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School of Engineering

Dr. S. Maragatham, Dean,
School of Engineering

Organizing Secretary

Dr. Judith Justin, Prof. & Head
Department of Biomedical Instrumentation Engineering
School of Engineering

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Ms.S.Pavithraa, Assistant Professor

Committee Members

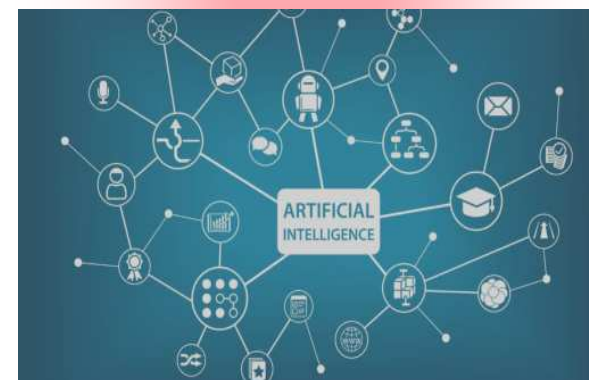
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Avinashilingam Institute for Home Science & Higher education for Women
(Deemed to be University under 'A' by MHRD, estd. u/s 3 of UGC Act 1956)
Re Accredited with 'A+' Grade By NAAC, Recognised by UGC under 12 B
Coimbatore-641 043, Tamilnadu, India

National Conference on Artificial Intelligence Applications in Engineering and Technology AIAET'2020

on
21st February 2020



Organized by
**Department of Biomedical Instrumentation
Engineering**
(NBA Accredited-Tier 1)

School of Engineering
(Approved by AICTE)
Avinashilingam Institute for Home Science and Higher
Education for Women, Varappalayam,
Chinna Thadagam PO, Coimbatore- 641 108
Tel: 0422-2988997/2980145
Website: www.avinuty.ac.in