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/E-mail on or before 18.02.2020.

Registration Fee:

UG and PG students/Research Scholars	: Rs.500/-
Faculty Members	: Rs.750/-
Industry Personnel	: Rs. 1000/-
Delegates	: Rs.500/-

Important Dates:

Receipt of Manuscript	:	13.02.2020
Intimation of accepted papers	:	15.02.2020
Payment of Registration fee	:	18.02.2020
Registration of other delegates/non authors	:	18.02.2020

Address for Communication

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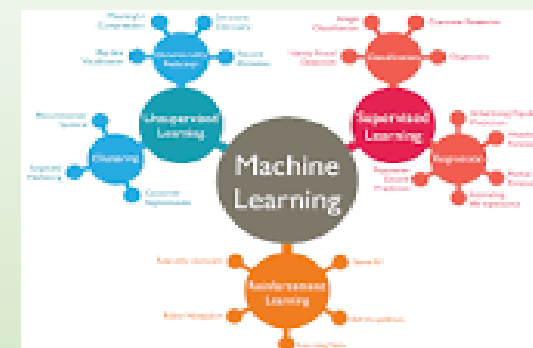**Mrs.H.Summia Parveen**, Assistant Professor /CSE

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 12B)
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**Two Day
National Conference
on
Machine Learning and Its Applications**

21st & 22nd February 2020

**Organized by
Department of Computer Science and Engineering**

School of Engineering
(Approved by AICTE)
**Avinashilingam Institute for Home Science and Higher Education for Women
Website: www.avinuty.ac.in**

About the Institute

Sri Avinashilingam Home Science College for Women was established under the auspices of the Avinashilingam Education Trust in 1957 by Dr. T.S. Avinashilingam, the great Patriot and educationist, the first Minister of Education in the Composite State of Madras (1946 - 1949) and a Padma Bhushan Awardee. World renowned Doyen of Nutrition and the first Vice Chancellor, Padmashri Dr. Rajammal P. Devadas, nurtured and raised this institution to its present status as a University, with her ardent and unstinted efforts. The University is scaling global heights under the stewardship of Dr. T.S.K. Meenakshisundaram, Managing Trustee, Padmashri Dr. P.R.Krishnakumar, Chancellor, Dr. Premavathy Vijayan, Vice Chancellor and Dr. S. Kowsalya, Registrar of the Institute. The tremendous growth as an autonomous college was visible on ten years from 1978 in various spheres of academics, community development and skill development of women, the society and in National and International research and consultancy. These fast paced contributions aided the UGC and MHRD in recognizing the institution as a Deemed to be University in 1988. Thus, the institution has been in the limelight both at National and International levels since then. The institute has diversified and well-qualified faculty. Around 7000 students benefit from the Undergraduate, Postgraduate and Research level programmes offered by the School of Home Science, Physical Sciences and Computational Sciences, Bio Sciences, Arts and Social Sciences, Commerce and Management, Education and Engineering.

About the 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 and banking facilities, transportation, telecom, stationery, cafeteria, 24 hour internet facility and Wi-Fi connectivity.

About the Department

The Department of Computer Science and Engineering established in 1996 offers B.E. (Computer Science and Engineering), M.E. (Computer Science and Engineering) and Ph.D programme in Computer Science and Engineering. The department has highly qualified and committed faculty members. The laboratories are well equipped with latest computational facilities and software.

The students are offered excellent atmosphere to learn and acquire knowledge and skills required by the industry. The department coordinate the activities of the professional bodies like CSI student branch and ICT Academy and NCSSS.

Objective of the Conference

The aim of the conference is to provide a platform to the researchers and practitioners from both academia as well as industry to meet and share cutting-edge development in the related field, broad areas of Machine Learning in theoretical and practical aspects. The conference primarily looks for significant contributions in the related fields. In addition to a regular technical sessions (Call for papers), the conference will include invited special sessions delivered by speakers in the recent topics which includes Machine Learning, and Deep Learning

Call for Papers

We welcome research papers as full text (5 to 6 pages) in IEEE paper template highlighting the state-of-art research and developments in the areas of Machine learning, Deep Learning only by e-mail. Original contributions are solicited on topics covered under broad areas such as (topics but not limited to):

- Machine to Machine Communication
- Feature extraction, Dimension Reduction PCA,LDA
- Classification Algorithms
- Neural Networks
- Decision trees
- Clustering Algorithms
- K-means, Agglomerative Clustering ,Fuzzy Clustering
- Introduction to Deep learning
- Object Detection and recognition
- Content based Image Retrieval
- Statistical NLP and Text Similarity

Eligibility

Interested Faculty members, Researchers and Students from all disciplines are cordially invited to participate/ present paper in the conference. Selected full length papers will be published as proceedings with ISBN number**.**

Two Day National Conference
on
Machine Learning and Its Applications
21st and 22nd February 2020

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I declare that the details furnished are true to my knowledge and I agree to abide by the rules and regulations governing the conduct of the Conference. If selected, I shall attend the conference for the entire duration punctually.

Signature of the candidate with date

Certificate

Mr./Ms./Dr._____ is an employee of our institution. He/she will be permitted to attend Two Day National Conference on "Machine Learning and Its Applications" for the entire duration, if selected.

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