

Avinashilingam Institute for Home Science and Higher Education for Women



**AIU – Avinashilingam Institute –
Academic and Administrative Development Centre
(AIU-AI-AADC)
&
SDG and Climate Cell**

Jointly organizes

**Second Short Term Capacity Building Programme for the year 2026
on**

**Teaching for Climate Action: Integrating Digital
Technologies and Innovation for Sustainable Future**

25.05.2026 to 30.05.2026





ABOUT THE INSTITUTE

Avinashilingam Institute for Home Science and Higher Education for Women - the epitome of higher education is one of the premier institutions in India well known for its commitment towards the empowerment of women through value-based and holistic education. The institute follows the educational ideals of Sri Ramakrishna, Holy Mother Sri Saradamani Devi, Swami Vivekananda and Mahatma Gandhiji. The institute is one of the significant contributions of Padma Bhushan, Dr. T. S. Avinashilingam, an illustrious educationist, freedom-fighter and Gandhian and Dr. Rajammal P. Devadas, the world- renowned nutritionist.

The Institute had its humble beginning in the year 1957 as Sri Avinashilingam Home Science College for Women and has been conferred the Deemed to be University by MHRD in 1988. Few of the recent accolades of the Institute includes: A++ with CGPA of 3.65/4 by NAAC, 98th Rank in NIRF, 4-Star Performer by Institution Innovation Council of MHRD.

Presently, the institution is progressing towards 'beyond-excellence' under the able guidance and leadership of Dr.T. S. K. Meenakshisundaram, Managing Trustee and Chancellor, Dr. V. Bharathi Harishankar, Vice Chancellor and Dr. H. Indu, Registrar i/c.



ABOUT THE ASSOCIATION OF INDIAN UNIVERSITIES

Association of Indian Universities (AIU) is an apex inter university representative body of universities and other higher education institutions in the country. Established in 1925 as the Inter University Board (IUB) of India, it acquired its legal status as a registered society in 1967 under the Societies Registration Act 1860 and was rechristened as Association of Indian Universities (AIU) in 1973. AIU is the second oldest university association in the world next to the Association of Commonwealth Universities which was established in 1913.

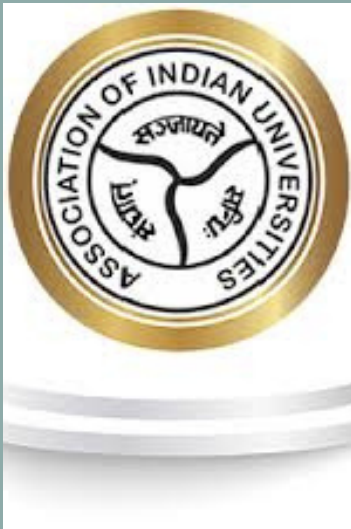
It has the distinct feature of having the largest network of universities and other higher education institutions under its ambit, with 1,088 institutions, including 16 foreign associate members from other countries. The membership of AIU includes all types of universities, such as conventional universities, open universities, deemed-to-be universities, state universities, central universities, private universities, and institutes of national importance.

In addition to Indian Universities, Universities / Institutes from Bangladesh, Bhutan, Republic of Kazakhstan, Malaysia, Mauritius, Nepal, Thailand, United Arab Emirates and United Kingdom are its Associate Members. Since its inception, AIU has played a very significant role in the development of Education in the Country.

Some of the eminent scholars and visionary leaders like Dr Sarvepalli Radhakrishnan, Dr Shyama Prasad Mukherjee, Dr Zakir Hussain, Sir. A L. Mudaliar have given leadership to AIU. During such a long journey, AIU has carved a niche for itself by serving the Ministry of Education, Govt. of India as a research-based policy advisory body. Being an apex institution, it constitutes an integral part of all major decision-making committees and commissions in the country.

As an academic 'think tank' organization, AIU supports the Government as research-based policy advisory body with the wider mandate of taking up research projects on higher education policy and capacity building. It also acts as a bureau of information on higher education; liaise with international bodies and universities for internationalization of Indian higher education among many others. The Vision of AIU is to emerge as a dynamic service and apex advisory organization in India by undertaking initiatives and programmes which could strengthen and popularize Indian higher education as leading-edge system in the world and promote greater national and international collaboration in Higher Education, Research, Extension, Sports, Youth and Cultural Activities.

It is bestowed with the mission of promoting and representing the Indian Universities and other higher education institutions through strong liaison with the government and National/International organizations, sister associations world over and establish liaison between/among universities through active support, cooperation and coordination among the member universities and all its stakeholders for quality education, research and other academics and extension activities.



ABOUT THE CENTRE

AIU-Avinashilingam Institute - Academic and Administrative Development Centre (AIU-AI-AADC) has been initiated by the institute in association with Association of Indian Universities (AIU) as a step towards training the human resources of higher education institutions. The specific objectives of the centre are to :

- Facilitate learning through Performance Improvement Programmes for different groups (Administrators/Teaching Faculty/Non-Teaching Research Scholars/Technical Personnel) towards progression based on their career stages.
- Enable continuous learning through rigorous need-based training sessions
- Sensitize stakeholders on recent developments in higher education system in the country and across the world.
- Equip academic / administrative / technical / information personnel with the requisite skills on ICT to handle their work effectively.
- Develop integrity and professional ethics among higher education personnel.
- Strengthen the human capital of the country with right attitude, skills, and knowledge



VISION

To facilitate value-based transition towards changing higher education ecosystem through continuous capacity building.



MISSION

To impart ICT enabled training to human resources of higher education institutions thereby preparing themselves towards Education 5.0.



ABOUT THE PROGRAMME

- Climate change has become one of the most urgent global challenges, affecting ecosystems, economies, and societies worldwide.
- Addressing this issue requires not only technological advancements and policy interventions, but also a transformation in education that equips learners with the knowledge, skills, and values needed for sustainable living.



- In this context, Higher Education Institutions play a vital role in promoting climate literacy and preparing responsible global citizens.
- Aligned with SDG 13: Climate Action, along with SDG 4 and SDG 9, this programme highlights the role of educators in integrating sustainability, innovation, and digital technologies into teaching and learning practices.

- The programme focuses on moving beyond theoretical discussions towards applied, interdisciplinary, and action-oriented climate education.
- It emphasizes areas such as climate science, carbon footprint analysis, sustainable resource management, green technologies, climate policy, and circular economy practices.



- Participants will also explore the use of AI, ICT tools, data visualization, simulations, and digital platforms to create engaging and experiential learning environments.
- Through hands-on and practical approaches, the programme aims to empower educators to design climate-responsive curricula, promote green campus initiatives, and facilitate meaningful climate action at individual, institutional, and community levels.

OBJECTIVES

- Integrate Climate Action (SDG 13) into curriculum and teaching practices
- Train faculty to use ICT and AI tools for climate education
- Promote climate awareness and sustainable practices at all levels
- Encourage innovative and experiential teaching methods
- Develop climate-focused projects and real-world learning activities

TARGET PARTICIPANTS

The programme is intended for faculty members of Higher Education Institutions, research scholars in sustainability and climate-related fields, faculty involved in curriculum and OBE design, coordinators of SDG and Green Campus initiatives, and academic leaders such as HoDs, Programme Coordinators, and IQAC Coordinators.

Duration : 25.05.26 to 30.05.26

(5 Days Programme)

Time : 10:30 am to 03.30 pm

Note : E-certificates will be issued upon successful completion of programs, with attendance, feedback, and assessment submissions being mandatory.



Day 1: Date: 25.05.2026

Climate Literacy, Systems Thinking and Curriculum Integration

- Climate Change Beyond Basics: Systems Thinking, Risk and Sectoral Impacts
- Climate Action Frameworks: SDG 13, National Policies and Institutional Role
- Discipline-Wise Climate Integration: Embedding Sustainability Across Domains
- Designing Outcome-Based Climate Curriculum: COs, Learning Activities and Alignment

Day 2 : Date: 26.05.2026

Digital Technologies and Data-Driven Climate Education

- AI for Climate Action: Scenario Analysis, Predictive Insights and Decision Support
- Climate Data Ecosystems: Accessing, Interpreting and Visualizing Climate Data
- Carbon Footprint Analytics: Tools, Measurement and Classroom Applications
- Digital Simulations and Climate Modelling for Scenario-Based Decision Making

Day 3: Date: 27.05.2026

Climate Action at Individual, Campus and Community Level

- Behavioural Dimensions of Climate Action: Nudging Sustainable Lifestyles and Responsible Consumption
- Designing and Implementing Green Campus Frameworks with Student-Led Initiatives (Energy, Water, Waste)
- Campus Sustainability Audits and Carbon Management: Tools, Metrics and Reporting Practices
- Smart and Sustainable Campuses: IoT, Digital Monitoring and Automation

Day 4: Date: 29.05.2026

Climate Innovation, Engagement and Scalable Impact

- Designing Student-Led Climate Action Projects, Living Labs and Innovation Challenges
- Service Learning and Community-Based Climate Interventions with Measurable Impact
- Digital Advocacy, Climate Communication and Behaviour Change Campaigns
- Multi-Stakeholder Collaboration and Scaling Climate Solutions (Academia-Industry-Government-NGOs)

Day 5: Date: 30.05.2026

Assessment, Scaling and Climate Action Implementation

- Climate Risk, Resilience and Adaptation Strategies in Local Contexts
- Climate Finance, ESG and Carbon Markets: Funding and Scaling Climate Action
- Assessment of Climate Learning: Projects, Portfolios and Impact Metrics
- Developing and Presenting Institutional Climate Action Plans and Roadmaps

EXPECTED OUTCOMES

- By the end of the programme, participants will be able to:
- Design climate-related lessons aligned with SDGs and Outcome-Based Education (OBE).
- Use digital tools and AI applications for climate teaching and data analysis.
- Support students in climate action projects and green campus activities.
- Organize community climate awareness activities using digital platforms.
- Apply innovative teaching methods to promote sustainability and responsible practices.

REGISTER NOW



REGISTRATION

REGISTRATION LINK :

<https://forms.gle/D8VTXKLGq9ASU86>

REGISTRATION FEE

- Indian Participants
₹ 750 (Inclusive of GST)
- International Participants
USD 25 (Inclusive of GST)

PAYMENT DETAILS

Account Name : **Avinashilingam Institute for Home Science and Higher Education for Women**

Name of the Bank : **Indian Bank**

Bank Account Number : **6010310202**

IFSC Code : **IDIB000A005**

SWIFT Code : **IDIBINBBCBE**

Scan here to register yourself



AI ADVISORS

Dr. T. S. K. MEENAKSHISUNDARAM, Managing Trustee & Chancellor

Dr. V. BHARATHI HARISHANKAR, Vice Chancellor

Dr. H. INDU, Registrar i/c

AIU ADVISORS

Dr. PANKAJ MITTAL, Secretary General, AIU

Mrs. RANJANA PARIHAR, Joint Secretary, Printing & Publications, AIU

PROGRAMME COORDINATOR

Dr. S. GAYATHRI DEVI, Coordinator, Climate Cell

Avinashilingam Institute for Home Science and Higher Education for Women
Coimbatore – 641 043, Tamil Nadu, India.

e-mail ID : gayathridevi_bc@avinuty.ac.in

Mobile : 9443935039

ORGANIZING SECRETARIES

Dr. V. SARASVATHY, Assistant Professor, Department of Resource Management

Dr. S. SRIVIDYA, Assistant Professor, Department of Clinical Psychology

Avinashilingam Institute for Home Science and Higher Education for Women
Coimbatore – 641 043, Tamil Nadu, India.

REACH US AT

Dr. K. RAMYA

Nodal Officer

AIU - Avinashilingam Institute- Academic & Administrative Development Centre
(AIU-AI-AADC)

Avinashilingam Institute for Home Science and Higher Education for Women
Coimbatore – 641 043, Tamil Nadu, India.

e-mail ID : aadc@avinuty.ac.in

Mobile : 8072202927