



**asci**  
Leadership through Learning

*Programme on  
Building Energy  
Simulation  
(February 09 - 11, 2026)*



*Administrative Staff College of India  
(accredited as उत्कृष्ट by Capacity Building Commission, GoI)*

## **PROGRAMME OVERVIEW**

Buildings account for nearly 30% of global energy consumption and over 20% of CO emissions, making energy efficiency in the built environment critical for sustainability and climate resilience. As rapid urbanisation and infrastructure expansion continue, the energy footprint of buildings will grow unless proactive measures are implemented. Integrating energy-efficient designs early in development can significantly reduce energy demand, operational costs, and environmental impact while enhancing occupant comfort and asset longevity.

This programme equips professionals with a comprehensive understanding of building simulation techniques to optimise energy performance, ensure regulatory compliance, and support sustainable building design. Participants will gain hands-on experience with leading simulation tools, enabling them to analyse various design scenarios, integrate renewable energy solutions, and enhance HVAC efficiency. The training aligns with India's Energy Conservation & Sustainable Building Code (ECSBC/ECBC) and global sustainability frameworks such as GRIHA, LEED, IGBC, and EDGE. Designed for architects, engineers, and policymakers engaged in energy-efficient construction and urban planning, the programme supports broader energy security goals, climate change mitigation, and economic growth through green infrastructure development.

## **OBJECTIVES**

- Develop proficiency in building energy modelling using industry-standard simulation software.
- Optimize building designs for energy efficiency, sustainability, and cost-effectiveness.
- Assess the impact of climatic conditions on energy performance and occupant comfort.
- Integrate renewable energy sources such as solar and wind into building energy systems.
- Conduct parametric analysis to evaluate and optimise multiple design scenarios.
- Ensure regulatory compliance with ECBC, LEED, and other energy efficiency frameworks.
- Apply problem-solving skills to real-world challenges in energy simulation.
- Contribute to developing sustainable, low-carbon buildings that align with national and global climate goals.

## **CONTENT**

### **Day 1: Foundations of Building Energy Simulation**

Introduction to energy simulation principles and industry-standard software such as Energy Plus, IESVE, Open Studio, and Design Builder. The session will cover climate data integration and its impact on building performance.

### **Day 2: HVAC Systems & Renewable Integration**

Focus on HVAC system simulation, energy efficiency optimisation, and renewable energy integration, including photovoltaic panels and wind turbines. Participants will conduct parametric analyses to evaluate multiple design scenarios,

### **Day 3: Case Studies & Compliance**

Exploration of real-world applications of energy simulation, with an emphasis on compliance with ECSBC and other energy efficiency frameworks. Participants will engage in workshops and present simulation-based design recommendations.

#### **METHODOLOGY**

The programme employs an interactive pedagogy led by industry experts, incorporating hands-on software training, expert-led lectures, real-world case studies, collaborative group activities, and workshops to reinforce practical applications

#### **FACULTY**

The programme is delivered by leading industry professionals and academic experts specialising in energy efficiency, sustainable building design, and regulatory compliance.

#### **PARTICIPANT PROFILE**

This programme is designed for professionals planning, designing, constructing, and operating energy-efficient buildings. It is particularly beneficial for architects, engineers, and sustainability consultants seeking to integrate energy simulation into their projects; energy managers and building system designers looking to enhance energy performance through advanced tools and techniques; government officials and regulators in the energy and infrastructure sectors aiming to ensure policy implementation and compliance with energy efficiency codes; professionals from real estate, construction, and infrastructure industries interested in incorporating sustainable practices into their developments; and academicians and researchers specialising in sustainable building technologies who wish to advance their expertise and drive innovation in energy-efficient design.

*Organisational sponsorship is essential.*

#### **VENUE**

The programme is fully residential and the participants will be accommodated in air-conditioned single-occupancy rooms. The college does not provide accommodation for the family. The college campus is Wi-Fi-enabled comprehensively.

#### **DURATION**

The programme duration is 3 days, starting from **February 09 - 11, 2026**. The participants are expected to arrive a day before commencement and may leave after the conclusion of the programme.

#### **PROGRAMME FEE**

**Residential Fee: Rs. 43,700/-** (US \$ 683 for foreigners) plus GST as applicable (presently 18%) per participant. The fee covers tuition, board and lodging, courseware (in electronic form) and other facilities of the College including internet usage.

**Non-Residential Fee: Rs. 37,700/-** plus GST as applicable (presently 18%) per participant. The fee covers tuition, courseware (in electronic form), working lunch, and other facilities of the College, including internet usage.

**A discount of 10%** on the Programme fee for three or more participants from the same organisation will be given, provided the payment is credited into our Bank account before **February 06, 2026**.

**Note: Kindly forward us the details of the Bank/ Wire transfer of the programme fee through email to: [poffice@asci.org.in](mailto:poffice@asci.org.in) for confirmation.**

Bank details are given below:

**For Indian Participants:**

Bank Account Number : 62090698675  
Beneficiary Name : Administrative Staff College of India  
IFSC Code : SBIN0020063  
Bank Name : State Bank of India  
Branch Address : Bellavista Branch, Raj Bhavan Road,  
Somajiguda, Hyderabad - 500 082.

**For Foreign Participants:**

Bank Account Number : 62090698675  
Beneficiary Name : Administrative Staff College of India  
Swift Code : SBININBB327  
Bank Name : State Bank of India  
Branch Address : Bellavista Branch, Raj Bhavan Road,  
Somajiguda, Hyderabad - 500 082.  
Country : India

**MEDICAL INSURANCE**

The nominees are requested to carry with them the proof of Medical Insurance. The sponsoring agency is required to endorse the nominees' medical coverage in the event of hospitalization.

**LAST DATE FOR NOMINATION**

Please use the prescribed/attached form. The last date for receiving nominations **February 02, 2026**. Kindly contact the Programmes Officer for further details (contact details are given at the end of the nomination form).

**LAST DATE FOR WITHDRAWAL**

**February 05, 2026**. Any withdrawals after this date will entail forfeiture of the fee paid, if any.

## **ASCI ALUMNI ASSOCIATION**

Participants of the College programmes will automatically become members of the ASCI Alumni Association.

## **CERTIFICATE OF PARTICIPATION**

The College issues a Certificate of Participation on the conclusion of the programme.

**Programme Director**

**Sri Pavan Kumar Parnandi**

**Email: [pavan@asci.org.in](mailto:pavan@asci.org.in)**

*Administrative Staff College of India (ASCI) is taking all the precautionary measures and following all the norms (in light of COVID-19) to provide a safe environment for the participants who are visiting our Campus to attend the Training Programmes.*



## ABOUT ASCI

ASCI is the first Management Development Institution set up in the country at the instance of the Government of India and industry in 1956 to impart state-of-the-art management education for practicing managers, a legacy that we proudly take forward with a strong alumni of over 1,76,500. We are proud of our alumni which includes the leaders of Indian industry and senior Civil Servants in the government, public sector undertakings to be a part of this unique organisation. We are thankful to you all for the support extended in the past and look forward to your continuing patronage in 2025-26.

Also, ASCI conducts customized programmes for Government of India, State Governments, Public Sector, Private Sector and various international organisations. Our experienced faculty bring to the table a wealth of academic credentials, rich industry exposure and act as a catalyst in the classroom discussions, case study analyses and tutorials. Our faculty also conduct international programmes which provide an exposure to the global best practices. In addition to this, faculty at ASCI also carry out large number of management research activities (typically about 100 each year) which helps them provide the much needed value addition in the training programmes. In addition, we conduct non-residential programmes at our New Delhi Centre as well as off-campus programmes at the venue of the client's choice.



### **Administrative Staff College of India**

Bella Vista, Raj Bhavan Road, Khairatabad, Hyderabad - 500 082, India.

Telefax (Programmes Office) : 0091-40-23324365

Mobile: 9246203535, Phone : 0091-40-66534247

Fax : 0091-40-66534356

### **College Park Campus**

ASCI, Road No.3, Banjara Hills,  
Hyderabad-500 034, Telangana, India  
+91-40-66720700/01/02/05  
+91-40-66720725

### **Delhi Campus**

ASCI, C-24, Institutional Area, South of IIT  
Behind Qutub Hotel, New Delhi-110016.  
+91-11-26962204, 26961750, 26961850  
+91-11-26866097



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**ADMINISTRATIVE STAFF COLLEGE OF INDIA**

Bella Vista, Raj Bhavan Road, Hyderabad - 500 082, India

**Nomination Form**

**Programme on  
Building Energy Simulation  
(February 09 - 11, 2026)**

**Nominee's Contact Information**

Name (Mr/Ms)	:	_____	Date of Birth:	_____
Designation	:	_____	Qualification:	_____
Organisation	:	_____		
Address	:	_____		
Phone(s)	:	Office: _____	Mobile: _____	Home: _____
e-mail	:	_____	Fax:	_____

**Sponsors Details**

Name of the Sponsoring Authority:	:	_____	Designation:	_____
Organisation	:	_____		
GSTIN Number:	:	_____		
Address	:	_____		
	:	_____ Pincode: _____		
Phone(s)	:	Office: _____	Mobile: _____	
e-mail	:	_____	Fax:	_____

**Fee particulars**

Amount Payable	:	_____	Mode of Payment (DD/Ch/NEFT):	_____
Name of the Bank	:	_____	Date of Instrument/Transfer:	_____
Instrument Number:	:	_____	UTR Number for NEFT	_____

**Medical Insurance:**

Name of the Insurance Agency	Policy Number	Validity upto
_____	_____	_____
Note: Coverage should be available in Hyderabad, India.		

**Signature and Official Seal of the Sponsoring Authority:**

**NOTE:** Forward nomination form to: **Mr. G. Sreenivasa Reddy, Programmes Officer,** Administrative Staff College of India, Bella Vista, Hyderabad-500 082. Phone: 0091-40-66534247, 66533000, Mobile: 9246203535, Fax: 0091-40-66534356, e-mail: **poffice@asci.org.in**