



National Conference on  
**Sustainable Engineering Innovations for Achieving Sustainable Development Goals (NCSEISDG 2026)**

*“Engineering Solutions for a Sustainable and Resilient Future”*

<p><b>📅 DATE</b>                  25th April 2026                  Saturday</p>	<p><b>🕒 TIME</b>                  10:00 AM – 5:00 PM</p>	<p><b>📍 VENUE</b>                  Pharmacy Block Seminar Hall                  HRIT University, Duha, Ghaziabad</p>
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**ORGANISED BY**

<p>Dept. of Electronics &amp; Communication Engineering (ECE)</p>	<p>Dept. of Electrical &amp; Electronics Engineering (EEE)</p>
<p>Dept. of Mechanical Engineering (ME)</p>	<p>Dept. of Civil Engineering (CE)</p>

<p><b>CHIEF PATRON</b>                  Dr. Anil Aggarwal  <i>Hon'ble Chancellor</i></p>	<p><b>PATRON</b>                  Prof. (Dr.) D. K. Sharma  <i>Hon'ble Vice-Chancellor</i></p>	<p><b>CONVENOR</b>                  Dr. Naveen Rathee  <i>Professor, ECE</i></p>
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**Sponsors**

## ABOUT HRIT UNIVERSITY

HRIT University, Ghaziabad, is a premier institution of higher education committed to excellence in teaching, research, and innovation. The university offers a wide range of undergraduate, postgraduate, and doctoral programs across disciplines including engineering, management, life sciences, computer applications, pharmacy, and humanities.

With state-of-the-art infrastructure, experienced faculty, and a student-centric approach, HRIT University strives to nurture skilled professionals and responsible citizens. The university emphasizes outcome-based education, interdisciplinary research, industry collaboration, and societal outreach, aligning academic pursuits with national priorities and global challenges.

## ABOUT THE CONFERENCE

Next-Gen Artificial Intelligence: From Smart Learning to Smart Living is a One-Day National Conference organized by the Faculty of Computer Application and Faculty of Computer Engineering and Technology, HRIT University, Ghaziabad. The conference aims to bring together academicians, researchers, industry experts, and students to explore advancements in Artificial Intelligence, including machine learning, deep learning, generative AI, and intelligent systems.

It will provide a dynamic platform for knowledge sharing, research presentations, and collaborative discussions on AI-driven innovations transforming smart education and smart living. The event fosters academic-industry interaction and encourages innovative solutions for real-world challenges.

## BACKGROUND & RATIONALE

The United Nations' 2030 Agenda for Sustainable Development outlines 17 SDGs intended to ensure environmental protection, social well-being, and economic prosperity. Engineering disciplines play a critical role in achieving these goals through innovative technologies, sustainable practices, renewable energy solutions, green infrastructure, and resilience-driven design.

This conference aims to bring together academicians, researchers, industry experts, policymakers, and students to discuss engineering-driven approaches that contribute to SDGs such as Clean Energy (SDG 7), Industry Innovation (SDG 9), Sustainable Cities & Communities (SDG 11), Climate Action (SDG 13) and more.

## OBJECTIVES OF THE CONFERENCE

- To promote research and innovation supporting the UN Sustainable Development Goals.
- To provide a platform for sharing advancements in sustainable engineering, smart technologies, and green practices.
- To foster interdisciplinary collaboration among engineering fields for sustainable development.
- To encourage academic-industry partnerships for solving real-world sustainability challenges.

## ABOUT THE DEPARTMENTS

### Department of Electronics & Communication Engineering (ECE)

The Department of Electronics & Communication Engineering is committed to excellence in education, research, and innovation, with a strong focus on emerging technologies such as VLSI design, embedded systems, communication networks, signal processing, IoT, and artificial intelligence.

Well-equipped laboratories, advanced simulation tools, and active professional society chapters provide students with strong practical exposure. Through this National Conference, the department aims to provide a platform for knowledge exchange and showcase advancements shaping the future of electronics and communication engineering.

### Department of Mechanical Engineering (ME)

The Department of Mechanical Engineering plays a vital role in developing technically competent engineers with strong foundations in design, manufacturing, thermal sciences, materials, and automation. The department emphasizes innovation, sustainability, and hands-on learning.

With modern laboratories, workshops, and CAD/CAM facilities, the department actively supports research in advanced manufacturing, renewable energy, robotics, and smart materials. The department's involvement in this National Conference reflects its commitment to addressing contemporary engineering challenges.

### Department of Electrical Engineering (EEE)

The Department of Electrical Engineering is dedicated to academic excellence and research in the areas of power systems, power electronics, control systems, renewable energy, smart grids, and electric vehicles. Through this National Conference, the department highlights the critical role of electrical engineering in energy efficiency and sustainability.

### Department of Civil Engineering (CE)

The Department of Civil Engineering is focused on creating competent professionals capable of planning, designing, and managing sustainable infrastructure projects. Advanced laboratories, field exposure, and research in structural, geotechnical, transportation, environmental, and water resources engineering strengthen industry relevance.

## CONFERENCE TRACKS

#### TRACK 1

IoT, AI & Machine Learning for Sustainable Development  
Green Communication Technologies & Energy-efficient Networks

#### TRACK 2

Renewable Energy Systems, Electric Vehicles, Charging Infrastructure & Battery Management  
High-voltage Engineering for Sustainable Power Transmission

#### TRACK 3

Sustainable Manufacturing & Industry 4.0  
Robotics & Automation for Sustainable Industries

#### TRACK 4

Water Resource Management & Wastewater Treatment  
Technology-enabled Climate Action & Carbon-neutral Strategies  
Sustainable Innovation Startups & Entrepreneurship

## CALL FOR PAPERS

**Submission Deadline : 18th April 2026**

Researchers, Academicians, and Industry Experts are invited to submit original and unpublished research papers aligned with the conference themes.

### Paper Format & Guidelines

**Title:** Maximum 30 words

**Abstract:** 150–250 words (4–6 keywords)

**Full Paper Length:** 6–10 pages (incl. references)

**Language:** English only

**Font:** Times New Roman, 12 pt

**Line Spacing:** 1.15

**Paper Size:** A4

**Title Format:** 14 pt, Bold, Center aligned

**References:** IEEE Format

**Structure:** Introduction, Methodology, Results, Discussion, Conclusion, References

[Manuscript Templates for Conference Proceedings | IEEE](#)

**Submission Email:** [ncseidg26@hrituniversity.edu.in](mailto:ncseidg26@hrituniversity.edu.in)

## REGISTRATION DETAILS

**Last Date of Registration : 18th April 2026**

Category of Delegates	Registration Fee (₹)
Students (UG and PG)	500
Faculty (Internal)	500
Research Scholars	1,000
Outside Faculty / Industry Experts	1,000

**Registration Link:** <https://forms.gle/wHkYgzjGFNkQ9awc9>



QR Code for Registration

## IMPORTANT DATES

Activity	Timeline
Call for Papers	<b>4th December, 2025</b>
Paper Submission Deadline	<b>25th March, 2026</b>
Review & Acceptance Notification	<b>27th March, 2026</b>
Camera-Ready Submission	<b>18th April, 2026</b>
Conference Date	<b>25th April, 2026</b>

## ORGANIZING COMMITTEE

### Conference Patrons

<b>Chief Patron:</b> Dr. Anil Aggarwal – <i>Hon'ble Chancellor</i>
<b>Co-Patron:</b> Dr. Anjul Aggarwal – <i>Hon'ble Pro-Chancellor</i>
<b>Co-Patron:</b> Dr. Vaishali Agrawal – <i>Hon'ble Managing Director</i>
<b>Patron:</b> Prof. (Dr.) D. K. Sharma – <i>Hon'ble Vice-Chancellor</i>

### Conference Chair & Convenors

<b>Conference Chair:</b> Prof. (Dr.) Anubhav Kumar – <i>Dean Academic Affairs</i>
<b>Conference Chair:</b> Prof. (Dr.) Upma Sharma – <i>Dean Engineering</i>
<b>Convenor:</b> Dr. Naveen Rathee – <i>Professor, Electronics &amp; Communication Engineering</i>
<b>Co-Convenor:</b> Dr. P.S. Kaushik – <i>Professor, Mechanical Engineering</i>

### Organizing Committee Members

<p><b>Mechanical Engineering (ME)</b>            Mr. Gaurav Sharma, Assistant Professor            Mr. Mustqueen Malik, Assistant Professor            Ms. Kajal Singh, Assistant Professor            Mr. Suresh Kumar, Assistant Professor</p> <p><b>Electrical Engineering (EE)</b>            Mr. Anuj Singh, Assistant Professor            Mr. Sarvottam, Assistant Professor            Ms. Richa Sharma, Assistant Professor</p>	<p><b>Electronics &amp; Communication Engineering (ECE)</b>            Mr. Uday Arun, Assistant Professor            Mr. Manish Kaushik, Assistant Professor            Ms. Shiwani Sharma, Assistant Professor            Mr. Avdesh Kumar, Assistant Professor            Mr. Abhishek Kaushik, Assistant Professor            Ms. Shvetlana Singh, Assistant Professor</p> <p><b>Civil Engineering (CE)</b>            Mr. Mulayam Singh, Assistant Professor</p>
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## CONFERENCE ADVISORY COMMITTEE

1. Dr. Anupam Shukla – IIIT Gwalior, India
2. Dr. V. K. Tripathi – IIT Delhi, India
3. Prof. Attre – IIT Delhi, India
4. Dr. Bavesh – Director ABSIT, Ghaziabad, UP, India
5. Dr. Puneet Srivastava – RKGIT, Ghaziabad, India
6. Dr. Deepak Kumar Sharma – IGITUW, Delhi, India
7. Dr. Samay Veer Singh – NIT, Jalandhar, Punjab, India
8. Dr. Suresh Halhalli – Associate Professor, Maharashtra, India
9. Dr. Aruna Malik – NIT, Jalandhar, Punjab, India
10. Dr. KLS Sharma – Advisor, Automation Education & Training, Punjab, India
11. Mr. V Sidheshwar – Technology Manager, ABB, Bangalore, India
12. Mr. Gaurav Kumar Verma – Data Scientist, Accenture, India
13. Dr. Pushendra Kumar – Central University of Jharkhand, India
14. Mr. Shankar Balakrishnan – Director, Autocon Technologies, Bangalore, India
15. Mr. Rajesh Rathi – Managing Director, Control Info-tech, Bangalore, India
16. Dr. Bhawna – Geeta University, Panipat, India
17. Dr. Bhupesh Bhati – IIIT, Sonapat, India
18. Dr. S.C. Gupta – PIET, Panipat, India
19. Dr. Neeraj Kumar Mishra – SRM University, Amravati, India
20. Dr. Satrik Vats – Graphic Era Hill University, Dehradun, India
21. Dr. Satya Prakash Yadav – G.L. Bajaj Institute of Technology, India
22. Dr. Sanjay Singla – Chandigarh University, Punjab, India
23. Dr. Pawan Whig – Department of Research, VIPS, Delhi
24. Dr. Rajeev Kumar – MAIT, Delhi, India
25. Dr. Diwakar Tripathi – IIIT Sonapat, India
26. Mr. Tejvir Singh – Director, Houston's Systems Pvt. Ltd., Greater Noida
27. Mr. Shakil Khan – Director, Houston's Systems Pvt. Ltd., Greater Noida

## CONTACT INFORMATION

**Convenor: Prof. Dr. Naveen Rathee — +91 9910560978**

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**Co-Convenor: Mr. Mulayam Singh — +91 (as updated)**

**Coordinator: Mr. Abhishek Kaushik — 8800129401**

**Coordinator: Ms. Shiwani Sharma — 9910849177**

**Coordinator: Mr. Manish Kaushik — 9368540453**

### Paper Submission Email

[ncseidg26@hrituniversity.edu.in](mailto:ncseidg26@hrituniversity.edu.in)

### Registration Link

<https://forms.gle/wHkYgzjGFNkQ9awc9>

**HRIT University, Duhai, Ghaziabad — [www.hrituniversity.ac.in](http://www.hrituniversity.ac.in)**

National Conference — NCSEISDG 2026 | 25th April 2026