



SGT UNIVERSITY
Shree Guru Gobind Singh Tricentenary University



**International Summit on Holistic Innovations for Nations'
Empowerment (I-SHINE-2025 AI)**

***Theme: Harnessing Artificial Intelligence for Sustainable Growth: Envisioning
a Viksit Bharat by 2047***



9th- 10th May, 2025

Conference Venue: C Block, Auditorium

Conference Mode: Hybrid Mode

Organized by

**Central Academic Clubs,
(SGT University)**

Venue

SGT University, Gurgaon-Badli Road Chandu, Budhera, Gurugram, Haryana 122505

About the SGT University

SGT University is a UGC-recognized institution, established in 2013, that has broad ambitions to promote research, innovation, and multidisciplinary education. Our sizable campus, which is located on the outskirts of Gurgaon, spans more than 70 acres and has every type of resource and infrastructure available to facilitate optimum academic and research output. Our constant push for excellence led to us becoming one of the youngest universities to have received a NAAC A+ accreditation rating. Amongst our expansive range of specialties are our medical programs, taught in sync with SGT Medical College, Hospital & Research Institute, and considered to be some of the best in the country. SGT University offers courses across 18 faculties, including a variety of Undergraduate, postgraduate and PhD programs.

SGT University scaled horizontally by establishing Centre's of Excellence like NRSC (National Reference Simulation Centre), CCSP (Centre for Cosmology Science & Popularization), CEAPS (Centre of Excellence for Andragogical and Pedagogical Sciences), and institutionalized CRC (Corporate Resource Centre), EDC (Entrepreneurship Development Centre), ACIC (Atal Community Innovation Centre), IIC (Institution's Innovation Council) - SGTU for focused attention and holistic development of students, faculty members, and Nation. Additionally, it has won a number of honors for its contributions to higher education, including the "Diamond Rating" from QSI- GAUGE and a "Diamond Band" from R world Institutional Ranking in the "Mental Health & Wellbeing" Category.

About the Central Academic Clubs, SGT University

Academics are an integral part of a student's life with an everyday learning experience, whether a graduate, post-graduate, or researcher. Shree Guru Gobind Singh Tricentenary University (SGTU) embarked on to promote academic activities at the campus through Academic Clubs. **The Central Academic Clubs** bring like minded students and teachers together with a common academic area of interest or academic objective, and provide such learning opportunities to students that they can't acquire in the classroom. These student-driven platforms empower students to organize and participate in diverse academic activities, such as workshops and hands-on sessions. By extending learning beyond the regular curriculum, these clubs aim to enhance professional skills and foster holistic development outside the classroom.

Academic Clubs support innovative ideas of the students by providing them a platform to explore and experiment in any interdisciplinary model – aligned with the National Educational Policy (NEP) 2020. SGTU established Academic Clubs within various faculties and departments starting from the 2019-20 academic session to promote academic engagement. There are "eighty" Academic Clubs, driven by the students, followed by a structured methodology, under the guidance of Advisor(s) and Co-advisor(s), with shared decisions and responsibility.

Anvaya is the dynamic student body of academic clubs at SGT University. Word **Anvaya** is a Sanskrit word that translates to Accordance. Anvaya, as a student academic body, signifies **unity, harmony, and adherence to principles**. It was formed on 7 May 2024, entrusted with the exhilarating role of unifying and guiding academic clubs across all 18 faculties. Its mission is to ignite intellectual curiosity and drive innovation, fostering a thriving and collaborative academic ecosystem that inspires students to reach new heights.

About the International Summit on Holistic Innovations for Nations' Empowerment (I-SHINE 2025 – AI)

The **International Summit on Holistic Innovations for Nations' Empowerment (I-SHINE 2025 – AI)** is a pioneering global conference that brings together **leading researchers, academicians, policymakers, and industry experts** to explore the transformative potential of **Artificial Intelligence (AI) in fostering sustainable and inclusive growth**. This summit serves as a platform for **knowledge exchange, interdisciplinary collaboration, and innovation**, aiming to envision a **Viksit Bharat by 2047** through AI-driven advancements.

Conference Theme:

"Harnessing Artificial Intelligence for Sustainable Growth: Envisioning a Viksit Bharat by 2047"

As AI continues to **reshape industries, revolutionize governance, and enhance quality of life**, this conference will facilitate discussions on the **ethical, social, and technological dimensions of AI** in achieving national and global sustainability goals.

Conference Objectives:

- ❖ **Foster Interdisciplinary Collaboration** – Bringing together experts from **academia, industry, and government** to discuss AI-driven innovations.
- ❖ **Address Global and National Challenges** – Exploring AI applications in **healthcare, education, environment, governance, and smart cities**.
- ❖ **Promote Ethical AI Development** – Encouraging responsible AI frameworks to ensure **transparency, fairness, and accountability**.
- ❖ **Showcase Cutting-Edge Research & Innovations** – Providing a platform for **original research, case studies, and breakthrough technologies**.
- ❖ **Bridge Academia and Industry** – Facilitating partnerships to **drive real-world AI implementations for economic and societal progress**.

Conference Tracks and Themes:

Track 1: Ethical AI and Governance for Sustainable Growth

- Development of Ethical Frameworks for Trustworthy AI Systems
- Policy Formulation, Regulatory Mechanisms, and Governance Models for AI Deployment
- Privacy Preservation, Cybersecurity, and Data Sovereignty in AI Ecosystems
- Cross-Disciplinary Approaches to AI Ethics and Responsible Innovation
- AI-Driven Justice Systems: Ensuring Fairness, Accountability, and Transparency
- Social and Cultural Dynamics of AI Integration in Diverse Societies
- Advanced Research Trends in Ethical and Responsible AI

Track 2: AI in Healthcare and Biomedical Sciences

- AI-Driven Innovations in Diagnostics, Early Detection, and Precision Medicine
- AI in Computational Biology and Personalized Therapeutics
- Automation in Healthcare Systems: Smart Hospitals and Robotics
- AI Applications in Public Health, Epidemiology, and Global Health Initiatives
- AI in Mental Health Monitoring, Intervention, and Personalized Well-being
- Ethical Considerations and Regulatory Challenges in AI-Powered Healthcare
- AI Integration in Allied Health Sciences, Complementary Medicine, and Wellness
- Advancing Forensic and Biomedical Sciences Through AI Solutions
- AI in Ayurveda, Naturopathy and Yogic Sciences.

Track 3: AI for Environmental Sustainability and Agricultural Innovation

- AI Technologies for Climate Modeling, Carbon Tracking, and Resilience Building

- Precision Agriculture: AI-Enhanced Soil Health Monitoring, Crop Management, and Pest Control
- AI-Driven Sustainable Water Resource Management and Smart Irrigation Systems
- Leveraging AI for Sustainable Supply Chain Optimization in Agri-Food Systems
- Energy-Efficient AI Models for Green Computing and Renewable Energy Integration
- Case Studies and Best Practices in AI Applications for Environmental and Agricultural Sustainability
- AI in Disaster Mitigation and Resource Conservation

Track 4: AI for Education, Creativity, and Industrial Transformation

- Transformative Role of AI in Education, Lifelong Learning, and Workforce Development
- Enhancing Accessibility and Inclusion through AI Solutions
- AI for Advanced Business Analytics, Financial Modeling, and Economic Growth
- Industrial Revolution 4.0: AI in Manufacturing Processes and Automation
- AI in Creative Domains: Computational Arts, Music Generation, and Storytelling
- AI-Driven Innovations in the Pharmaceutical and Food Industries
- AI Applications in Hospitality, Tourism, and Luxury Markets
- Synergies Between Cognitive Sciences and AI Research in Pedagogy and Innovation

Track 5: AI for Smart Cities, Urban Systems, and Future Mobility

- AI-Powered Urban Planning, Resource Optimization, and Governance in Smart Cities
- Advanced AI Applications in Transportation, Logistics, and Autonomous Mobility
- AI in Urban Analytics for Sustainable Infrastructure Development
- Vision Systems and Image Processing for Smart Cities and Public Safety
- Integrating AI into Public Policy Design for Sustainable Urban Ecosystems

Track 6: Interdisciplinary AI Research and Emerging Technologies

- AI and Emerging Technologies: Synergies with IoT, Blockchain, and Robotics in Micro-manufacturing
- AI-based design and optimization of functional materials.
- Case Studies in Multidisciplinary AI Research for Sustainable Development
- AI for Precision Engineering and Advanced Computational Systems.
- AI based Micro-manufacturing for sustainable engineering.
- AI and Machine Learning Applications in Physical, Chemical, and Biological Sciences
- AI Contributions to Space Exploration, Cosmology, and Astrophysical Research
- Behavioral and Social Sciences in the AI Era: Interdisciplinary Opportunities and Challenges

Who Should Attend?

This summit invites participation from:

GUESTS

 <p>Prof. K K Aggarwal President South Asian University, New Delhi India</p>	 <p>Prof. Mohammad Afhar Alam Vice- Chancellor Jamia Hamdard University, New Delhi</p>
 <p>Dr. Indresh Kumar</p>	 <p>Dr. Pratibha Singh Program Manager, South Asia (ACIAR)</p>

KEYNOTE SPEAKERS

 <p>Dr. Khalid Raza, Jamia Milia Islamia, India</p>	 <p>Dr. Hari Prasad Kota, Kumamoto University, Japan</p>	 <p>Dr. Waqar M. Naqvi International Faimer Institute Fello, Doha</p>	 <p>Dr. Vikas Kannojiya Harvard Medical School, USA</p>
 <p>Mr. Nivedan Rathi, Future & AI</p>	 <p>Mr. Kishan Srivastava SDLC Corp</p>	 <p>Mr. Shivam Dwivedi</p>	 <p>Dr. Kiran Chaudhary Delhi University</p>

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Dr. Madhula Sharma

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ADVISORY COMMITTEE – INTERNATIONAL

Dr. Vikas Kannojiya, Research Fellow (Jr. Scientist), Department of Cardiac Surgery, Boston Children's Hospital, Harvard Medical School

Dr. Mirna Mourtada-Maarabouni, Dean of Internationalisation and Partnerships, Faculty of Natural Sciences, Keele University, UK

Prof. Robert Green, OBE, University of Kent, UK