SCCN

Smart Campus Cloud Network

A Path Finder

Getting SDG-Ready

"Wonderful Opportunity for the Youth to Think Sustainable, Act Responsible!"

Leading from the front

"By 2030, India will reduce the carbon intensity of its economy by more than 45% and by the year 2070, India will achieve the target of Net-Zero."

H.E. Narendra Modi, Hon'ble Prime Minister of India
@ COP 26 Glasgow on 2nd December 2021

"We need to stop speaking as if acting on climate change is a cost. It's an opportunity for better jobs, and it's an enormous opportunity to save money."

Erik Solheim,
Former Under-Secretary-General of United Nations

"The youth is the future of our country. They are the global citizens to address the global challenges. Beyond doubt Carbon Neutrality should begin with youth in the Universities."

Hon'ble Prakash Javdekar,
Member of Parliament, India, former Minister of Environment, India

"UNESCO's Open Access to Scientific Research programme and TERRE's SCCN provide new context and the tool-kit to move forward to United Nations Sustainable Development Goals (SDGs)."

Dr Bhanu Neupane,
Advisor, Open Access to Scientific Information, UNESCO, Paris

"Campuses are where Innovations are Incubated, Minds are Moulded, Targets are Triggered and Actions are Activated. They are the fields where seeds of a Sustainable lifestyle and career progression are sown."

Dr Rajendra Shende, Founder Director, Green TERRE Foundation, Prime Mover, SCCN | Former Director, UNEP

"Smart Campus Cloud Network connects educational institutions to the national and international mission of bringing sustainable, eco-friendly, energy-efficient and climate-resilient development."

Dr Anil Sahasrabudhe,
Chairman, NETF, India

Our Collaborations

Be Sensitive

What is Smart Campus Cloud Network?

- Campuses are the evergreen places full of joy where talent is incubated, minds are moulded, actions are forged and targets are prioritized. Here is the place to resolve main-streaming sustainable development in the career development of the aspiring youth.

- Smart Campus Cloud Network is a global network of the education campuses of schools, colleges, institutes and universities, pledged to tangible and healthy contributions to the United Nations Sustainable Development Goals.

- Unique value addition of the network is the deployment of the digital mechanisms like the Internet of Things(IoT), Cloud Networking and Big Data Analysis, and Artificial Intelligence as a future endeavour.

- **Impact**
  What could be the most appropriate place to begin the long journey by taking small but determined first steps towards meeting 17 comprehensive SDGs with their 169 targets in the next 15 years other than the educational institutes.

450+
University Campuses

1500
Campuses

50,000
Students Reached

250
Signed Pledge

Be Sensible

Key Objectives
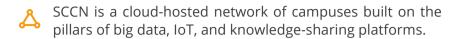
⚙ Develop a cohesive global network of Smart Campuses for quantifiable contribution by youth to the United Nations SDGs through learning by doing and accelerating by sharing.

⚙ Provide opportunities to design and develop applications like carbon footprint displays, analytics for smart/microgrid, water conservation, waste management, etc.

⚙ Hone the skills of the participating youth through hands-on activities like deployment of IoT and Cloud Networking.

⚙ Establish a virtual SCCN Academy with a sustainable technology centre of excellence in each campus and encourage annual sustainability reports.

⚙ Enhance interaction among faculty members, students, and the private sector for gainful employment and encourage sustainable social and environmental entrepreneurship and partnership.

Be Smart

How to create Smart Campuses?

SCCN is a cloud-hosted network of campuses built on the pillars of big data, IoT, and knowledge-sharing platforms.
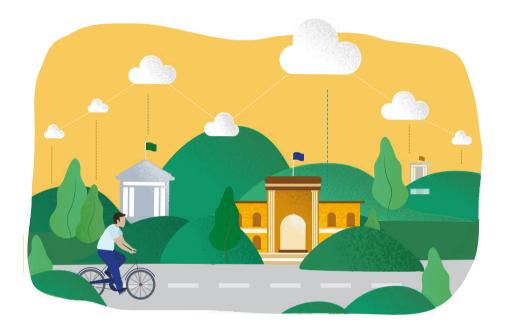
It allows the students to practice digital technology in their day-to-day campus life.

Examples are online energy and water conservation tracking, biogas from canteen and campus waste, air quality control, and transport emissions.

SCCN has introduced a secure digital dashboard, that enables students to connect with colleagues in their own university and other universities for discussion forum, events, chats, collaborative projects, research and more.

Key Projects in Campus

- Not Zero - Net Zero: Pledge for Carbon Neutrality
- Biodiversity Conservation in the Western Ghats
- Single-Use Plastic Free University
- E-waste management
- Cloud Dashboard on Energy & Emission
- Air Quality Monitoring station
- Urban Forestry

To know more, visit: www.sccnhub.com

Catalysts for a Green Future

National Education Policy

"NEP has changed the narrative of education and skill-building to realign it with United Nations SDGs. India's traditions and value systems would be the foundation of NEP Quality, Equal Access and Affordable Education, Avoiding Discrimination, emphasis on numeracy as well as literacy are the main pillars of NEP as well as all 17 SDGs"

Open Access to Scientific Information

UNESCO has supported SCCN recognising that its cloud dashboard is the base camp to achieve SDGs through digital technologies and boot camp for a sustainable lifestyle. UNESCO and SCCN have shared the objective of using Open Access as an accelerator for SDGs, by overcoming and eliminating the barriers to accessing Scientific knowledge and Digital Technologies. For more information, please visit the link given below:

https://en.unesco.org/themes/open-access-scientific-information

Hydrogen Economy

With growing concerns over global climate change, rising oil prices, and a politically unstable oil supply, Green Hydrogen is viewed as a potential fuel and energy carrier. Its ability to produce energy, with water as the only by-product, makes it an efficient and clean fuel to meet the awareness to reduce greenhouse gas emissions. Affordable production of Green Hydrogen from biomass energy shall help boost local business, and employment and help in Decarbonisation.

Be Responsible and Responsive!

Linking youth to nation-building

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Green TERRE Foundation
Fast Forward to Net-ZerO