

## Commitment to meaningful SDG education for all students

### 1. Introduction

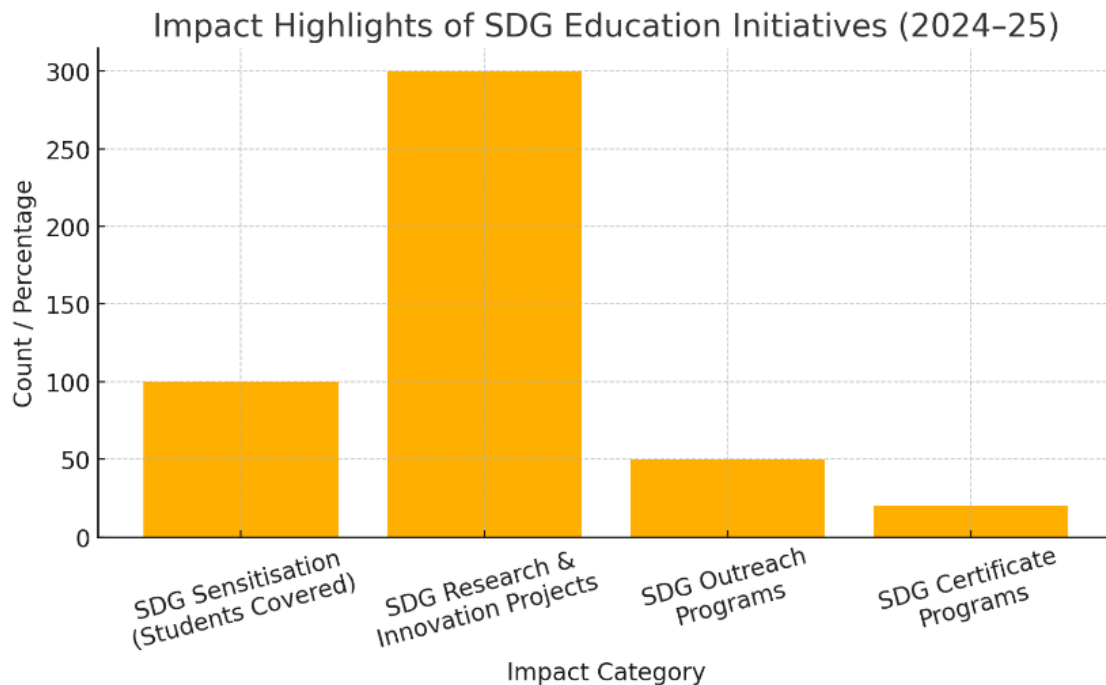
Centurion University's approach is aligned with the Education for Sustainable Development (ESD) framework and the UNSDG *Education for 2030* roadmap, embedding SDGs not just as academic concepts but as actionable, real-world learning outcomes.

#### Impact Highlights (2024–25)

- 100% SDG sensitisation for all enrolled students
- 310 SDG-aligned student research and innovation projects annually
- 50 SDG-oriented community outreach programs in rural & tribal regions
- 20 skill-based SDG certificate programs for students and faculty

#### Key Outcomes

- Students graduate with SDG competencies and real-world problem-solving skills
- Increased innovation & entrepreneurship aligned with SDGs
- Community transformation through sustainable development initiatives



### 2. University-Wide SDG Education Framework

Centurion University has institutionalized the following pillars of Education for SDGs to ensure that SDG knowledge reaches **all students across all programmes**:

<b>Strategic Pillar</b>	<b>Description</b>	<b>Implemented Across</b>
<b>Curriculum Integration</b>	Embedding SDG concepts, sustainability modules, skill-based learning, and social innovation into all undergraduate and postgraduate programs.	All Schools
<b>Community-Embedded Experiential Learning</b>	Mandatory community connect, fieldwork, and social immersion programmes aligning with SDGs.	All Schools & NSS/Skill Programmes
<b>Research, Innovation &amp; Entrepreneurship for SDGs</b>	Promoting SDG-focused research, student projects, start-ups, and innovation challenges.	Research Centres, CENTURION UNIVERSITY Incubation & Schools
<b>Capacity Building &amp; Training</b>	Workshops, certificate courses, SDG literacy programs, and faculty training on SDGs.	Students, Faculty, Community
<b>Industry &amp; Government Collaboration for SDGs</b>	Partnerships with NGOs, government bodies, industries, and international agencies supporting SDG actions.	Interdisciplinary & Cross-School

### **3. SDGs Embedded in Academic Delivery Across Schools**

CENTURION UNIVERSITY ensures every student is equipped with SDG competencies through interdisciplinary learning, practical exposure, and problem-solving experiences.

#### **3.1 School of Engineering & Technology**

- Mandatory SDG sensitisation in foundation courses and engineering ethics.
- Capstone projects focused on renewable energy, sustainable agriculture automation, affordable healthcare devices, and climate-smart technologies.
- Innovative labs (Fab Lab, Maker Space, Mechatronics Lab) support SDG entrepreneurship.

#### **3.2 School of Agricultural & Bioengineering (MSSSoA)**

- Curriculum aligned to SDG 1, 2, 12, 13, 14 & 15.
- Hands-on training in climate-resilient farming, organic agriculture, soil health, sustainable fisheries, biodiversity conservation, and water resource management.
- Farmer training schools and on-ground outreach for livelihood improvement.

### **3.3 School of Applied Sciences**

- Courses linked to environmental science, biotechnology, green chemistry, waste reduction, and sustainable materials.
- Research projects related to clean water, ecosystem protection, biowaste conversion, and health sciences.

### **3.4 School of Management**

- SDG modules integrated into business ethics, entrepreneurship, corporate social responsibility (CSR), circular economy, and social innovation.
- Student-led startups addressing waste management, women empowerment, rural economy and social enterprises.

### **3.5 School of Paramedics & Allied Health**

- Inclusive and community-centric public health education aligned to SDG 3.
- Rural health camps, tele-medicine outreach, mental health awareness, and affordable medical diagnostics for underserved communities.

### **3.6 School of Media & Communication**

- SDG journalism and communication for social change incorporated into coursework.
- Student content creation for awareness on gender equality, environment, education, health, and climate action through community radio and media labs.

### **3.7 School of Vocational Education & Training**

- Skills-integrated curriculum for inclusive employability and livelihood generation.
- NSDC-aligned skill development programs for women, tribal youth, migrants, and marginalized groups.

#### 4. Institutional Programs Enhancing SDG Literacy for All Students

Initiative	Key Features	Beneficiaries
<b>SDG Orientation Program for Freshers</b>	Compulsory SDG induction for all students during onboarding.	100% Students
<b>Community Connect Program</b>	Students work directly in villages to solve real local SDG challenges.	Rural & Tribal communities + Students
<b>Certificate Courses on SDGs</b>	Short-term online/offline courses on sustainable development.	Students & Faculty
<b>NSS, NCC &amp; Social Clubs</b>	Projects on environment, health, education, waste reduction & gender equity.	Students

#### 5. SDG Research, Innovation & Impact

- **More than 300+ student projects** aligned to SDGs annually.
- **Dedicated Centres of Excellence** focusing on renewable energy, smart agriculture, skill-based innovation, and rural development.
- **SDG-oriented incubated startups** focusing on waste-to-wealth, sustainable products, healthcare access, and digital learning.

#### 6. Partnerships & Global Alignment

Centurion University collaborates with:

- Government agencies (India & State)
- UN bodies
- NGOs & international knowledge networks
- Industry partners supporting green technology & sustainability innovation

These partnerships strengthen SDG-driven research, training, deployment, and community transformation.

## **7. Outcomes of SDG-Based Education**

### **Students graduate with:**

- Comprehensive understanding of SDGs and sustainability
- Hands-on community experience
- Skills for 21st-century green jobs
- Entrepreneurial and social innovation mindset
- Ability to contribute to global sustainable development

## **Conclusion**

Centurion University is deeply committed to providing **meaningful, transformative, and action-oriented education** around the SDGs, ensuring that sustainability becomes a core value in every student's learning journey. This university-wide, interdisciplinary model ensures: