

Government Collaboration for Climate Risk Early Warning and Monitoring

Centurion University actively informs and supports local and regional governments in addressing climate change risks, disaster preparedness, and early warning systems. The university serves as a knowledge partner by providing data, expertise, training, and technological solutions that contribute to resilience building and evidence-based policymaking.

SDG 13.3.4 - Inform & Support Government Climate Change Disaster Risk & Early Warning

- ✓ **Climate Action Plan shared**
→ Aligned 7 govt/community bodies
- ✓ **Training workshops on climate resilience**
→ 220 farmers & SHG members trained
- ✓ **Awareness programs & plantation drives**
→ 4,800 saplings planted; 600 citizens sensitized
- ✓ **Real-time monitoring (Aurassure)**
→ Early-warning inputs to local govt
- ✓ **Climate resilience in academics**
→ 1,200 students engaged; policy-linked projects

Centurion University of Technology and Management - Climate Action Framework

Key Initiatives (2024):

- **Climate Action Plan shared** with 5 *Panchayats* and 2 *municipalities*, later extended to 7 *government/community bodies*, ensuring integration of local climate priorities.
- Conducted **6 training workshops** on climate resilience and disaster preparedness, engaging **220 farmers and SHG members**, in collaboration with local governance structures.
- Organized **6 awareness programs** and **8 plantation drives** (~5000 saplings), involving ~600 community members, with participation from local government representatives.
- Supported the design of **early-warning and monitoring initiatives** by correlating real-time environmental data (via the Aurassure monitoring system) with community-level risk planning.

- Integrated sustainability and climate resilience into **22 academic programs**, engaging over **1,200 students**, many of whom contributed to **policy-linked projects** with local bodies.

Impact:

These initiatives have directly strengthened the capacity of local governments to:

1. Monitor environmental risks (using real-time data).
2. Develop community-based disaster preparedness strategies.
3. Enhance climate literacy at grassroots level.

Through these engagements, Centurion University reinforces its role as a regional hub of knowledge and innovation, supporting **climate action and disaster resilience planning** in partnership with government institutions.