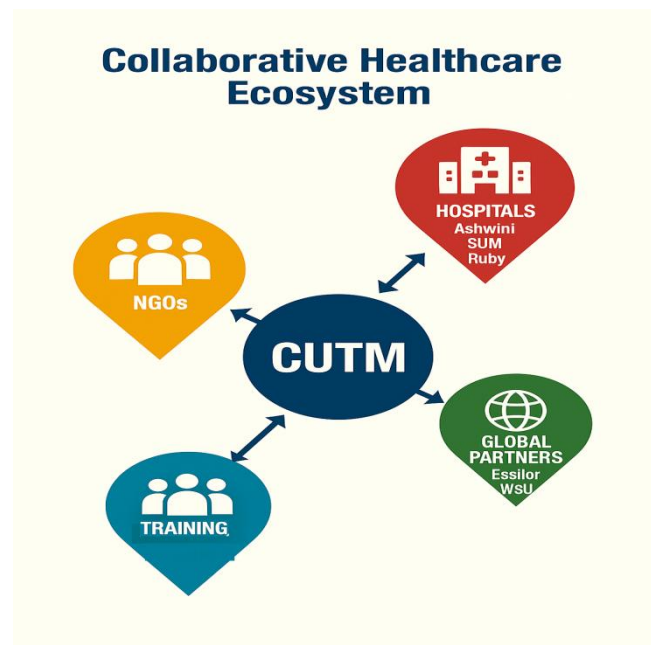


Multilevel Health Collaboration

Collaborative Healthcare Ecosystem



The university has established strong linkages with leading hospitals, diagnostic centers, research institutions, government agencies, industry partners, and international universities, creating a dynamic ecosystem that connects education with real-world healthcare delivery. These collaborations facilitate clinical training, community-based research, telehealth initiatives, and capacity-building programs, enabling students to gain hands-on experience while contributing to measurable improvements in public health outcomes.

Centurion University's model is built upon multi-level collaborations:

- **Local:** Partnerships with Ashwini, Kalinga, SUM, and Ruby Hospitals for diagnostic and internship programs benefitting 350+ students annually.
- **National:** MoUs with LIC, GAIL, and SAIL enabling 20,000+ beneficiaries through Healthcare on Wheels and Tele-Consultation programs.
- **Global:** Alliances with Essilor International, Western Sydney University (WSU), and Dassault Systems for simulation-based healthcare and public health research.

Key Impact:

- 15,000 eyeglasses distributed through *Vision Care on Wheels*
- 1,000 tele-consultations delivered
- 100 health camps in rural and tribal Odisha
- 250 students trained in diagnostics and preventive care

Centurion University's 5 Pillars of Health Impact

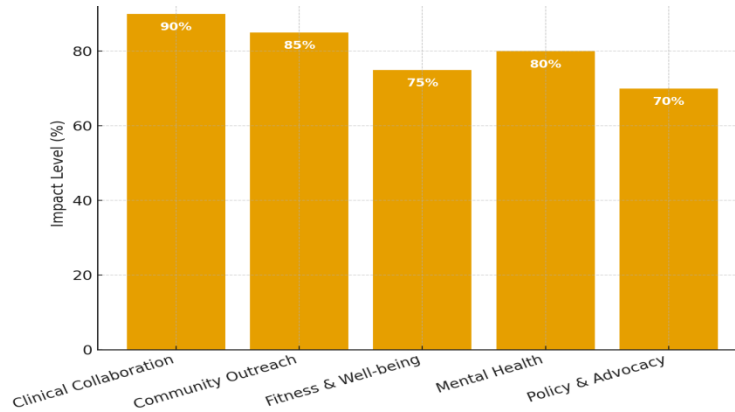


Fig 1: Centurion University SDG3 - Health and Well-Being Impact Overview

1. Local, National, and Global Collaborations in Health and Well-Being

Key Areas of Collaboration & Impact

► A. Local Collaborations

Area	Collaborators	Activities	Impact Metrics
Clinical Exposure & Internship	Ashwini Group of Hospitals, Kalinga Hospital Ltd., SUM Hospital, SUM Ultimate Medicare, etc.	Internships in diagnostics, radiation tech, optometry, lab tech	~250 students trained annually
Specialized Eye Care	Ruby Eye Hospital, ASG Eye Hospital, Sankara Eye Hospital, Mahanadi NetraChikitsalaya, Dr. Agarwal, etc.	Internships in optometry	~100 students trained annually
Diagnostic Training	Prolife Diagnostics, Nidan, Max Diagnostics, etc.	Training in advanced diagnostics	Improved student skills
Research	University within the State	Herbal drug development, molecular studies	Affordable therapeutics

► Flagship Initiative – Vision Care on Wheels (VCOW)

- 16,000 individuals screened
- ~5,000 cases detected early (Cataract, Glaucoma, Refractive Errors)
- ~15,000 spectacles distributed
- 50 students actively involved
- **Regions covered:** Rural & tribal Odisha

► **Registered Diagnostic Facility**

- Community Diagnostic Center (Reg. No. 38/2019/Khordha)
- Services: Pathology, Preventive Health Check-ups

► **B. National Collaborations**

Partner Organization	Program Focus	Impact
NMDC, MOIL, LTI Mindtree, TMREIS	Healthcare Skill Programs (OT Tech, Phlebotomy, EMT, Ward Tech)	200+ economically disadvantaged students trained
LIC	Health Care on Wheels	1,000+ beneficiaries (Free consultations, labs, physiotherapy)
GAIL	Tele-Consultation	1,000+ remote consultations
SAIL, Essilor	Vision care outreach, preventive screenings	16,000+ patients served
AYUSH Ministry	Integrative medicine for chronic diseases	Affordable therapeutics
NISER Bhubaneswar	Molecular research	Affordable therapeutics
SVNIRTAR, Apollo, Manipal, Bagchi Sri Sankara Cancer Centre and Research Institute	Hospital Partnerships	250+ student internships in super-specialty diagnostics, oncology, physiotherapy
One Simulation	Hands-on CT workflow training → Improved diagnostic accuracy, reduced errors	240 Students are getting trained for CT scanning procedures without Radiation

National Impact Summary

- 20,000 beneficiaries reached through various camps
- 100 health camps organized
- 1,000 tele-consultations delivered

► C. Global Collaborations

Partner Organization	Collaboration Focus	Impact
Dassault Systems Foundation	Biovia Software for predictive modelling	Therapeutic solutions
ENOLA Pharmaceuticals Pvt. Ltd.	Pharmaceutical research	Training and therapeutics
Bio Forensics Research Center, Italy	Forensic pathology training	Training and student exchange program
Western Sydney University (WSU)	Public health exchange	Student internship training on indigenous population of India
Essilor International	Vision screening, reading glasses, dispensing	15,000+ individuals served

Local Collaborations Driving Community Health and Well-being – CUTM, Odisha



1 Overview

Objective

To strengthen healthcare delivery, enhance student clinical training and promote preventive health and community wellness

Focus Areas

- Clinical exposure & internships
- Community outreach programs
- Training community health practitioners
- Research in affordable healthcare innovations

3 Quantitative Highlights (2024)



250+
students
trained



45
Health
camps



6,000+
Rural People
Reached

15,000+
vision care
beneficiaries



30+
female
trainees

2 Key Local Partners

Hospitals & Super-Specialty Centers

SVNIRTAR

Apollo Hospitals



Kalinga Hospital



SUM Hospital

Manipal Hospitals

Bagchi Sri Shankara



Cancer Centre

Care Hospitals

Dagnostic Centers

The Healthville



Prolife Diagnostics

Nidan

Max Diagnostics



Community Outreach Partner

CureBay



45+ Free Health Camps

60,000+ rural beneficiaries

Research Partner

Sambalpur University



Herbal drug
development



Fig 1. Physiotherapy training at SVNIRTAR

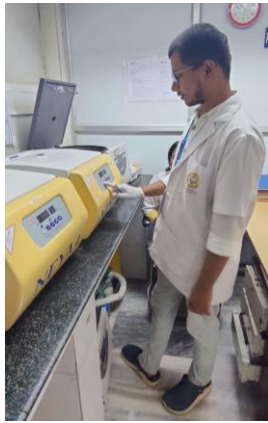


Fig 2. MLT training at IMS & SUM hospital



Fig 3. Radiology Imaging training at Kalinga Hospital



Fig 4. Optometry training at Kalinga Eye Hospital, Dhenkanal

D. Collaboration For Research:

Department of Biotechnology and Bioinformatics, Sambalpur University, Burla

Centurion University has also collaborated with the **Department of Biotechnology and Bioinformatics, Sambalpur University, Burla** in areas of herbal drug development, molecular characterization, and preclinical studies. This partnership strengthens regional research capacity by integrating traditional knowledge with modern biotechnology tools, fostering innovative solutions for community health challenges. The collaboration directly contributes to SDG 3 by promoting affordable, evidence-based therapeutic alternatives and advancing healthcare innovations.

Case Study 1: “Bringing Hope on Wheels – Taking Healthcare Where It’s Needed Most.”

This case study highlights the impact of the **Healthcare on Wheels (HCoW)** initiative by Centurion University, which delivers essential medical services to remote villages. Through timely intervention and compassionate care, the program transforms lives by ensuring that even the most underserved communities receive access to quality healthcare.

Healthcare on Wheels, the mobile healthcare unit, equipped with diagnostic tools, medicines, and staffed by dedicated medical professionals, travels to remote villages, providing essential services such as health check-ups, disease screenings, maternal and child care, and health education. Mrs. Saraswati Rout, a young mother from a tribal village in Kantiya Panchayat had never seen a doctor earlier. During a routine visit by the HCoW team, her dangerously high blood pressure was detected, posing a serious risk to her and her unborn child. Thanks to timely medical intervention and counseling provided on the spot, Saraswati began proper treatment, dramatically improving her health and giving her hope for a safe pregnancy. By bringing healthcare directly to underserved communities, the program not only enables early disease detection and treatment but also empowers villagers with knowledge about preventive care, transforming lives and bridging the rural healthcare gap.



Fig 7: Health screening of patient in Kantiya Panchayat, Odisha on 16.09.2024

Impact of Local Collaborations

Area	Collaborators	Activities	Impact Metrics
------	---------------	------------	----------------

Clinical Exposure & Internship	Ashwini Group of Hospitals, Kalinga Hospital Ltd., SUM Hospital, SUM Ultimate Medicare, etc	Internships in Diagnostics, Radiation Technology, Optometry, Lab Technology	~250 students trained annually
Specialized Eye Care	Ruby Eye Hospital, ASG Eye Hospital, Sankara Eye Hospital, Mahanadi Netra Chikitsalaya, Dr. Agarwal, etc	Internships in optometry	~100 students trained annually
Diagnostic Training	Prolife Diagnostics, Nidan, Max Diagnostics, etc	Training in advanced diagnostics	Improved student skills
Research	Sambalpur University	Herbal drug development, molecular studies	Affordable therapeutics

The collaborations of Centurion University with several institutions at the local level exemplifies how local partnerships rooted in community service can reduce health disparities. Through its wide network of local hospital and NGO collaborations, Centurion University ensures that healthcare innovation and training directly reach communities. From maternal health in tribal belts to cancer screening, trauma care, and mobile eye services, each partnership strengthens Odisha's healthcare landscape which has addressed more than 16,000 patients, in 2024. The collaborations illustrate a living model of SDG 3 at the grassroots level—where education, diagnostics, and clinical services come together to save lives and improve well-being, especially in rural and tribal Odisha.

NATIONAL COLLABORATIONS IN HEALTH AND WELL-BEING

Centurion University of Technology and Management, Odisha
collaborates with leading organizations across India
to advance health and well-being



INDUSTRY COLLABORATIONS

NMDC, MOIL, LTI Mindtree and TMREIS
in developing healthcare skills and
promoting preventive practices



HEALTH OUTREACH CAMPS AND TELE-CONSULTATION

LIC, GAIL, LTI and SAIL to provide
healthcare services



- 180+ students trained in certificate courses
- 6,000+ tele-consultations

RESEARCH SUPPORT



AYUSH and NISER
in integrative and
Molecular health
research

- Contributed to sustainable healthcare solutions

NATIONAL COLLABORATIONS WITH HOSPITAL

SVNIRTAR, Apollo Hospitals
Manipal Hospitals
Bagchi Sri Shankara Cancer
Centre, Care Hospitals,
Sparsh Hospital
and other Leading Hospitals

A. Industry Collaborations (CSR/Training)

Centurion University, Odisha, is committed to advancing health and well-being at a national level through strategic collaborations aimed at empowering underprivileged students from various states across India. In collaboration with **NMDC (National Mineral Development Corporation)**, **MOIL (Manganese Ore India Limited)**, **LTI Mindtree**, and **TMREIS (Telangana Minorities Residential Educational Institutions Society)**, Centurion University offers specially designed short-term certificate courses focused on healthcare skills development and promoting preventive health practices.

These certificate programs include skill-based courses such as **OT Technician (OTT)**, **Phlebotomy Technician**, **General Duty Assistant (GDA)**, **Certified Ward Technician (CWT)** and **Emergency Medical Technician (EMT)**. Each course emphasizes practical, hands-on training in critical areas of healthcare delivery, including patient care assistance, collection and handling of biological samples, emergency response services, and operation theatre support. This enables students to develop essential competencies aligned with current healthcare industry requirements. Centurion University has trained more than 180 students through these certificate programs in 2024.



Figure 8: *Certified Ward Technician students receiving certificates on completion of training at Centurion University in Collaboration with LTIMindtree*



Figure 9: *Certified Ward Technician students of Centurion University (in Collaboration with NMDC)*

The primary objective of these programs is to provide economically disadvantaged students with access to high-quality health education and practical training, preparing them for employment in hospitals, diagnostic centers, wellness clinics, and emergency medical services across India. Additionally, through collaboration with TMREIS, Centurion University ensures that students from minority and marginalized communities are given equal opportunities to participate, reducing social inequalities in access to health education.

This initiative not only improves individual employability but also strengthens public health systems by building a workforce capable of supporting early disease detection, preventive healthcare measures, and emergency medical services in underserved and rural areas. By empowering a large pool of skilled health professionals, the program contributes significantly to the Sustainable Development Goal 3 (Good Health and Well-being), fostering inclusive, equitable access to health services and improving health outcomes at the national level.