SDG 17: PARTNERSHIPS FOR THE GOALS

Indicator 17.4.4 — Sustainable Literacy

How the University evaluates students' ability to learn and retain key concepts of sustainability

6	221	4–5	33
sustainability courses with assessed learning	student enrolments assessed, 2025-26	NSQF levels assessed against	skill courses, all assessed

Centurion University of Technology and Management, Andhra Pradesh (CUTM AP)

Tekkali Village, Nellimarla Mandal, Vizianagaram – 535003, Andhra Pradesh, India

Evidence report for Times Higher Education Sustainability Impact Ratings · Reporting period: academic year 2025-26

17.4 The Indicator and Our Response

What Times Higher Education asks, and what CUTM AP reports

Indicator 17.4.4 explores how a university evaluates its students' ability to learn and retain key concepts of sustainability — that is, whether it measures the sustainability literacy of its students.

At Centurion University of Technology and Management, Andhra Pradesh (CUTM AP), every student takes one skill course each semester, and every skill course is hands-on, assessed and levelled against India's National Skills Qualifications Framework (NSQF). Six of these courses are dedicated to sustainability. In academic year 2025-26, 221 student enrolments in these six courses were assessed on what they learned about sustainable food production, biodiversity-friendly farming, repair and reuse, and clean mobility. The University does not yet use a dedicated sustainability-literacy test such as Sulitest TASK.

17.4.4 element	Claim	CUTM AP evidence	Where
Students' sustainability learning is evaluated	✔ Yes	Course assessment in 6 NSQF-levelled sustainability courses: 221 enrolments assessed in 2025-26.	**Sections 1–2, Annex S**
Proportion of students assessed	Partial	221 of 2,198 skill-course enrolments (10.1%) were in the sustainability courses; all 2,198 enrolments across 33 courses were assessed, and every course is mapped to SDG targets.	**Section 1**
Dedicated sustainability-literacy assessment (e.g. Sulitest TASK)	Not claimed	No dedicated literacy test was used in 2025-26.	—

1 How Sustainability Learning Is Assessed

Assessed, NSQF-levelled skill courses within every degree

1	Every student takes one skill course per semester alongside the degree, chosen from a basket of 33 courses.
2	Every skill course is hands-on and assessed, and is levelled against the NSQF, India's national skills framework; 98% of enrolments (2,149 of 2,198) are in courses at NSQF Levels 4–6.
3	All 33 courses are mapped to SDG targets, so each assessment measures learning linked to an SDG.
4	Six courses are dedicated to sustainability. Their assessment measures whether students can apply sustainability concepts in practice — growing food with less water, farming without synthetic chemicals, reusing crop residue, using beneficial insects, repairing instead of discarding, and building and servicing clean vehicles.

Source: skills office, Skill Course Report 2025-26 (course register in Annex S1).

Sustainability course	Code	NSQF	Assessed	Concept assessed
Hydroponics Technology	CUTM3083	5	97	Water-efficient, soil-less food production
Organic Farming	CUTM3081	4	54	Chemical-free, sustainable agriculture
Mushroom Farming	CUTM3082	4	36	Low-input farming that reuses crop residue
Beneficial Insect Farming	CUTM3214	4	19	Pollinators and natural pest control
Repair & Maintenance of Home Appliances	CUTM3090	4	9	Repair and reuse
E-Vehicle Assembly & Service Technology	CUTM3037	5	6	Clean, low-emission mobility
Total			**221**	

221
enrolments assessed in sustainability courses

10.1%
of all skill-course enrolments

2,198
skill-course enrolments assessed

6 of 6
courses continue in 2026-27

2 Sustainability Learning in Practice

Photographs from the six assessed sustainability courses



Hydroponics Technology — Water-efficient, soil-less food production



Organic Farming — Chemical-free, sustainable agriculture



Mushroom Farming — Low-input farming that reuses crop residue



Beneficial Insect Farming — Pollinators and natural pest control



Repair & Maintenance of Home Appliances — Repair and reuse



E-Vehicle Assembly & Service Technology — Clean, low-emission mobility

HOW THIS MEETS INDICATOR 17.4.4

Students' learning of sustainability concepts is evaluated through hands-on, NSQF-levelled assessment in six dedicated sustainability courses (221 enrolments in 2025-26), within a skill programme in which every course is assessed and mapped to the SDGs.

ANNEXURE S

Skill course register and photographs

S1	**Skill course register 2025-26 —** All 33 courses with enrolments and 2026-27 basket status
S2	**Hydroponics Technology — photograph —** Water-efficient, soil-less food production
S3	**Organic Farming — photograph —** Chemical-free, sustainable agriculture
S4	**Mushroom Farming — photograph —** Low-input farming that reuses crop residue
S5	**Beneficial Insect Farming — photograph —** Pollinators and natural pest control
S6	**Repair & Maintenance of Home Appliances — photograph —** Repair and reuse
S7	**E-Vehicle Assembly & Service Technology — photograph —** Clean, low-emission mobility

S1 Skill course register 2025-26

All 33 courses with enrolments and 2026-27 basket status

Sl.	Course code	Course title	In 2026-27 basket	Students enrolled 2025-26
1	CUTM3168	Competitive Coding	Yes	385
2	CUTM3079	Introduction to Quantum Computing	Yes	336
3	CUTM3165	Learning from Production Labs	Yes	300
4	CUTM3132	Concrete Paver Manufacturing	Yes	113
5	CUTM3083	Hydroponics Technology	Yes	97
6	CUTM3053	Camera Operation	Yes	84
7	CUTM3061	Radiology Technology	Yes	81
8	CUTM3051	Introduction to Nanotechnology	Yes	74
9	CUTM3063	First Aid Service	Yes	70
10	CUTM3131	VR Assets Development	Yes	68
11	CUTM3072	Yoga & Meditation	Yes	65
12	CUTM3081	Organic Farming	Yes	54
13	CUTM3032	Light Motor Vehicle Driving	Yes	40
14	CUTM3244	Applied Digital Forensics	No	38
15	CUTM3135	3D Modelling & Printing	Yes	37
16	CUTM3059	Medical Lab Technology	Yes	36
17	CUTM3082	Mushroom Farming	Yes	36
18	CUTM3058	Emergency Medical Technology	Yes	34
19	CUTM3120	Computer Installation & Maintenance	Yes	33
20	CUTM3068	Basketball	Yes	30
21	CUTM3123	Ophthalmic Lens & Spectacle Manufacturing Techniques	Yes	29
22	CUTM3041	Design Supervising – Wooden and Modular Furniture	Yes	19
23	CUTM3093	Seed Production - Paddy	Yes	19
24	CUTM3214	Beneficial Insect Farming	Yes	19
25	CUTM3149	Basic Analytical Chemistry	Yes	18
26	CUTM3038	Robotics	Yes	15
27	CUTM3056	Introduction to Blender and Unity Tools	Yes	15
28	CUTM3057	Refraction Technology	Yes	14
29	CUTM3224	Reverse Engineering for Additive Manufacturing	No	11
30	CUTM3046	Fabrication	Yes	10
31	CUTM3090	Repair and Maintenance of Home Appliances	Yes	9
32	CUTM3037	E-Vehicle Assembly and Service Technology	Yes	6
33	CUTM3040	CNC Programming (CAM)	Yes	3
		Total		**2198**

S2

Hydroponics Technology — photograph

Water-efficient, soil-less food production



S3

Organic Farming — photograph

Chemical-free, sustainable agriculture



S4

Mushroom Farming — photograph

Low-input farming that reuses crop residue



S5

Beneficial Insect Farming — photograph

Pollinators and natural pest control





S6

Repair & Maintenance of Home Appliances — photograph

Repair and reuse



S7

E-Vehicle Assembly & Service Technology — photograph

Clean, low-emission mobility

