SDG 17: PARTNERSHIPS FOR THE GOALS

Indicator 17.4.2 — Specific Courses on Sustainability

Dedicated courses (full degrees or electives) that address sustainability and the SDGs





6	221	4	6 of 6
dedicated sustainability electives	student enrolments in 2025-26	schools whose students can choose them	continue in the 2026-27 basket

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 Impact Rankings · Reporting period: academic year 2025-26

17.4.2 The Indicator and Our Response

What Times Higher Education asks, and what CUTM AP reports

Indicator 17.4.2 asks whether the university has dedicated courses — full degrees or electives — that address sustainability and the SDGs.

Centurion University of Technology and Management, Andhra Pradesh (CUTM AP) runs a skill-integrated curriculum: alongside the degree, every student chooses one skill course per semester from a basket of 33 courses. Six of these electives are dedicated to sustainability — sustainable and water-efficient food production, biodiversity-friendly farming, repair and reuse, and clean mobility. In academic year 2025-26 they recorded 221 enrolments, and all six continue in the university's 2026-27 skill-course basket.

17.4.2 element	Answer	CUTM AP evidence	Proof
Dedicated electives on sustainability	✔ Yes	6 sustainability electives: Hydroponics Technology (97), Organic Farming (54), Mushroom Farming (36), Beneficial Insect Farming (19), Repair & Maintenance of Home Appliances (9), E-Vehicle Assembly & Service Technology (6) — 221 enrolments in 2025-26. Each is NSQF-levelled (Level 4 or 5) and mapped to SDG target 4.7 (education for sustainable development).	**Sections 1–2, Annex S1–S7**
Elective open to all students	✔ Yes	Students of all four schools choose their skill course from the same basket of 33 courses.	**Section 1, Annex S1**
Full degree on sustainability	Not claimed	This report covers electives only.	—

1 Dedicated Sustainability Electives

Six skill courses chosen by students as electives, academic year 2025-26

SDGs mapped:

6	221	33	4–5
sustainability electives	enrolments	courses in the elective basket	NSQF levels

Every student takes one skill course per semester, chosen from the university's basket of 33 courses, which is open to students of all four schools. The six courses below teach sustainability directly. All six are mapped by the university to SDG targets 4.3, 4.4 and 4.7, and to target 1.4.

Elective	Code	NSQF	Enrolled	Sustainability focus
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 — extending product life
E-Vehicle Assembly & Service Technology	CUTM3037	5	6	Clean, low-emission mobility
Total			**221**	

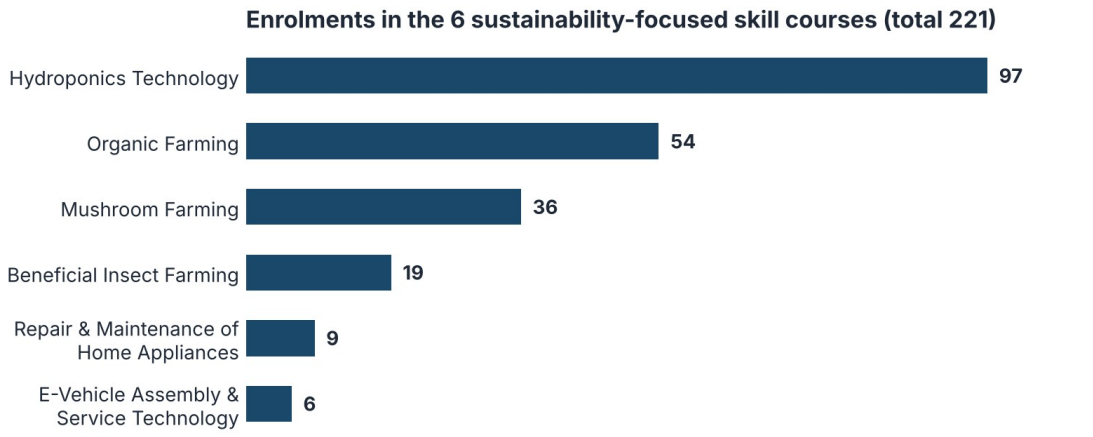


Figure 1. Enrolments in the six sustainability electives, 2025-26. Source: skills office course register (Annex S1).

NOTE FOR REVIEWERS

Enrolment figures are taken course by course from the skills office spreadsheet (Annex S1). The same spreadsheet marks all six

courses as included in the 2026-27 skill-course basket.

2 Course Profiles with Photographic Proof

What students learn in each sustainability elective



Polyhouse training (geo-tagged, Vizianagaram, 13 Dec 2025)

Hydroponics Technology

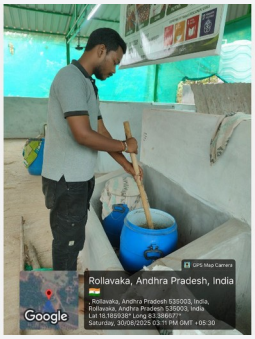
CUTM3083 · NSQF Level 5 · 97 students enrolled in 2025-26

Sustainability focus: Water-efficient, soil-less food production

Students grow and train climbing vegetables in a polyhouse with drip irrigation, learning to produce food with less water and no soil.

SDG targets mapped: 4.3, 4.4, 4.7 and 1.4 · Continues in 2026-27 basket: Yes

Proof: Annex S1 (register) and Annex S2 (photograph)



Preparing organic inputs at the field unit (geo-tagged, Rollavaka)

Organic Farming

CUTM3081 · NSQF Level 4 · 54 students enrolled in 2025-26

Sustainability focus: Chemical-free, sustainable agriculture

Students prepare organic farm inputs at the field unit and practise crop production without synthetic chemicals.

SDG targets mapped: 4.3, 4.4, 4.7 and 1.4 · Continues in 2026-27 basket: Yes

Proof: Annex S1 (register) and Annex S3 (photograph)



Preparing paddy-straw substrate for mushroom beds

Mushroom Farming

CUTM3082 · NSQF Level 4 · 36 students enrolled in 2025-26

Sustainability focus: Low-input farming that reuses crop residue

Students prepare paddy-straw substrate for mushroom beds, turning an agricultural residue into food and income.

SDG targets mapped: 4.3, 4.4, 4.7 and 1.4 · Continues in 2026-27 basket: Yes

Proof: Annex S1 (register) and Annex S4 (photograph)

2 Course Profiles with Photographic Proof (continued)

What students learn in each sustainability elective



Field practice

Beneficial Insect Farming

CUTM3214 · NSQF Level 4 · 19 students enrolled in 2025-26

Sustainability focus: Pollinators and natural pest control

Students learn to rear and use beneficial insects in the field, supporting biodiversity and reducing reliance on chemical pesticides.

SDG targets mapped: 4.3, 4.4, 4.7 and 1.4 · Continues in 2026-27 basket: Yes

Proof: Annex S1 (register) and Annex S5 (photograph)



Electrical panels and control units used for repair practice

Repair & Maintenance of Home Appliances

CUTM3090 · NSQF Level 4 · 9 students enrolled in 2025-26

Sustainability focus: Repair and reuse — extending product life

Students practise on electrical panels and control units to diagnose and repair household appliances, so products are repaired rather than discarded.

SDG targets mapped: 4.3, 4.4, 4.7 and 1.4 · Continues in 2026-27 basket: Yes

Proof: Annex S1 (register) and Annex S6 (photograph)



Hands-on e-vehicle assembly (geo-tagged, Tekkali)

E-Vehicle Assembly & Service Technology

CUTM3037 · NSQF Level 5 · 6 students enrolled in 2025-26

Sustainability focus: Clean, low-emission mobility

Students assemble and service electric vehicles hands-on, building skills for the shift to clean transport.

SDG targets mapped: 4.3, 4.4, 4.7 and 1.4 · Continues in 2026-27 basket: Yes

Proof: Annex S1 (register) and Annex S7 (photograph)

3 Summary of Evidence

Indicator 17.4.2 — Centurion University of Technology and Management, Andhra Pradesh

17.4.2 element	Summary
Dedicated electives — Yes	6 sustainability electives, 221 enrolments in 2025-26, NSQF Levels 4–5, all mapped to SDG target 4.7.
Open to all students — Yes	Chosen from one basket of 33 skill courses available to students of all 4 schools; one skill course per student per semester.
Continuity — Yes	All 6 courses are included in the 2026-27 skill-course basket.
Full degree — Not claimed	This report covers electives only.

HOW THIS MEETS INDICATOR 17.4.2

CUTM AP has dedicated elective courses that address sustainability — sustainable food production, biodiversity, repair and reuse, and clean mobility — taken by 221 students in 2025-26 and open to students of every school.

6	221	4	6 of 6
sustainability electives	enrolments	schools	in 2026-27 basket

ANNEXURE S

Proof — skill course register and photographs, 2025-26

S1	**Skill course register 2025-26 — course-wise enrolments —** Extract of the skills office spreadsheet: all 33 courses, 2,198 enrolments, 2026-27 basket status
S2	**Hydroponics Technology — photograph —** Polyhouse training (geo-tagged, Vizianagaram, 13 Dec 2025)
S3	**Organic Farming — photograph —** Preparing organic inputs at the field unit (geo-tagged, Rollavaka)
S4	**Mushroom Farming — photograph —** Preparing paddy-straw substrate for mushroom beds
S5	**Beneficial Insect Farming — photograph —** Field practice
S6	**Repair & Maintenance of Home Appliances — photograph —** Electrical panels and control units used for repair practice
S7	**E-Vehicle Assembly & Service Technology — photograph —** Hands-on e-vehicle assembly (geo-tagged, Tekkali)

S1

Skill course register 2025-26 — course-wise enrolments

Extract of the skills office spreadsheet: all 33 courses, 2,198 enrolments, 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

Polyhouse training (geo-tagged, Vizianagaram, 13 Dec 2025)



S3

Organic Farming — photograph

Preparing organic inputs at the field unit (geo-tagged, Rollavaka)



S4

Mushroom Farming — photograph

Preparing paddy-straw substrate for mushroom beds



S5 Beneficial Insect Farming — photograph

Field practice





S6

Repair & Maintenance of Home Appliances — photograph

Electrical panels and control units used for repair practice



S7

E-Vehicle Assembly & Service Technology — photograph

Hands-on e-vehicle assembly (geo-tagged, Tekkali)

