

# SAMTHANG HIGHLIGHTS

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Trainees Spotlight

## Capstone Project

Diploma Trainees-built two-seater electric vehicle demonstrating practical innovation in vocational education.



FEMALE REPRESENTATION

28 (14.5%)



CORE DEPARTMENTS

4

Institute Spotlight

## National Observance: 46<sup>th</sup> Birth Anniversary of HM The King

National Observance

TTI Samthang joined the nation in celebrating the 46th Birth Anniversary of His Majesty The King, reaffirming institutional patriotism and respect for national leadership.



## AUGUST INTAKE

**Diploma in Automobile Workshop Supervisor (BQFC4)**

**Automotive Technician (BQFC3)**

**Automotive Technician (BQFC2)**

**Auto Electrician (BQFC3)**

**Heavy Vehicle Driving**

**Excavator Operator**

**Backhoe Operator**

**Hair & Beauty Therapist (BQFC2)**

## Message from the Training Director

As we conclude the first half of 2026, TTI Samthang continues to advance its commitment to technical and vocational excellence. With approximately 193 trainees currently enrolled, the institute remains focused on bridging classroom instruction with industry-ready competencies.

This semester has been marked by innovation in curriculum delivery, demonstrated institutional resilience, and measurable expansion of academic accreditation.

## Innovation & Academic Excellence

### CAPSTONE PROJECT: ENGINEERING SOLUTIONS FOR LOCAL CONTEXT

Diploma programme trainees have successfully designed and constructed a two-seater electric vehicle tailored to Bhutan's infrastructure. Constructed primarily from recycled materials, the vehicle incorporates a four-wheel full suspension system optimised for unpaved road conditions prevalent across rural Bhutan.

Beyond its function as a mobility solution, the vehicle serves as an educational simulator. Through its mechanisms—double-wishbone suspension, mechanical steering, and hydraulic brakes—students and future learners gain direct, hands-on understanding of automotive engineering principles. This capstone project exemplifies the institute's pedagogical approach: rigorous technical training grounded in local applicability.



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## Institutional Accreditations & Digital Curriculum

Seven courses received formal accreditation across the Automotive Technology, Transport Technology, and Earthmoving Departments, affirming curriculum quality and industry alignment

In partnership with GovTech Bhutan and the Department of Workforce Planning and Skills Development (DWPSD), TTI Samthang established an Extended Reality (XR) Lab, integrating immersive technology into vocational pedagogy and preparing trainees for digital-enabled workplaces.



## Affirming curriculum quality and industry alignment



## Diplomatic Engagement

TTI Samthang received H.E. Mr. Christopher Cooter, Ambassador of Canada to Bhutan, for discussions on strengthening technical education and youth skills development.



## Alumni Spotlight: From Graduate to Mentor



Alumni success metrics the institute's long-term impact. Tshering Yangzom, a graduate of the 8th Batch Hair and Beauty Therapist programme, has established a successful salon business in Bumthang and returned to TTI Samthang this semester as an Assessor and Guest Lecturer.

Upon graduation, Hair & Beauty Therapist trainees enter On-the-Job Training (OJT) with one of TTI Samthang's nine partner salons across Bhutan—from Thimphu to Paro to Punakha—creating structured pathways to professional practice.

Tshering began her career through this OJT pathway, then ventured into entrepreneurship to establish her own successful salon in Bumthang. Her return to TTI Samthang as assessor and guest lecturer exemplifies the career advancement and professional standing achievable through the institute's integrated training and mentorship model.

## Institutional Partnerships & Recognition



### Institutional Quality Assurance

The Public TVET Institute Monitoring Team conducted its official review, providing constructive guidance from the Department of Workforce Planning and Skills Development (DWPSD) to support continued institutional improvement.

### Employer Partnerships

Nine leading salons across Thimphu, Punakha, Paro, and Wangdue Phodrang have signed Memoranda of Understanding (MOUs) with TTI Samthang to provide structured On-the-Job Training and mentorship for Hair & Beauty Therapist trainees, ensuring clear pathways from training to professional employment.

### TVET INSTITUTE MONITORING



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## Campus Resilience, Safety & Well-being

### Fire Response

Staff and trainees demonstrated swift and effective action in containing a fire that occurred during welding operations on campus grounds. The incident underscores the institute's commitment to occupational safety and trainee welfare.



### Gender Equity Initiative

In observance of International Women's Day, TTI Samthang conducted a programme to challenge gender stereotypes within technical and vocational education. This initiative is supported by the institute's commitment to inclusive enrolment—currently, 28 female trainees pursue qualifications across automotive, electrical, transport, earthmoving, and vocational trades, demonstrating growing women's participation in traditionally male-dominated sectors.



## Mental Health & Well-being



The institute prioritises emotional health through structured wellness programmes. A recent session led by the Lama of Bajo Lhakhang addressed emotional resilience, cultural identity, and the integration of Bhutanese values within contemporary life.

## Environmental Stewardship

Staff and trainees participated in World Water Day riverbank conservation activities, contributing to community environmental responsibility and watershed protection.











Visit of 20 esteemed alumni on Teachers Day 2026

# JOIN US



## EMPOWERING MINDS, ENGINEERING FUTURE



### Talk with us

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