LENOVO

Revolutionizing the educational experience

Chong Gene Hang College

Chong Gene Hang College is transforming learning and teaching experiences with Lenovo AI Now, an on-device large language model (LLM) solution. This gives students more personalized content and feedback and reduces teachers' administrative workload by 40%, helping to boost engagement and attainment.

Who is Chong Gene Hang College?

Chong Gene Hang College is a co-educational Catholic secondary school in the Chai Wan district of Hong Kong. Founded in 1971, the school was named in memory of Chinese American philanthropist Mr. Chong Gene Hang and his wife. The school is affiliated with the La Salle Brothers and is a government-aided Catholic secondary school. Drawing inspiration from the teaching of Christ and the visionary founder, St. John Baptist de La Salle, the school promotes a humanistic and Christian education to students aged 12-18, encouraging them to pursue excellence in both their academic endeavors and personal growth. Embracing the motto "Labore et Virtute", Chong Gene Hang College strives to foster a sincere, open, and proactive campus culture.

AI is ushering in a new era in education, changing how we teach and learn. Schools around the world are introducing AI to help deliver personalized learning, manage resources more efficiently, and increase student engagement. Chong Gene Hang College aims to be a pioneer in the emerging field of AI for education.

CHAN Tsun Ming, Jimmy, Vice-Principal of Chong Gene Hang College, begins: "Over the past five years, especially post-COVID, we have embraced digital technology to enhance teaching quality and flexibility. Now we have valuable opportunities to enhance our digital approach with AI and generative AI technology, in line with our focus on personalized learning."

2 The challenge

The school was eager to adopt AI to help personalize learning paths, automate grading and lesson planning, better organize learning resources, monitor student engagement, and more.

"Our goal was to reduce teachers' workload by at least a third, so they can focus more time and energy on students," says Chan.

"We see the rise of AI as a powerful opportunity to improve teaching and student attainment."

CHAN Tsun Ming, Jimmy

Vice-Principal, Chong Gene Hang College

Harnessing AI for teaching and learning

As the first step on its AI journey, Chong Gene Hang College set up a new self-study area with Lenovo AI PCs—Lenovo ThinkPad T14s Gen 6 laptops pre-loaded with Lenovo AI Now, an on-device large language model (LLM) solution.

Lenovo AI Now allows students to instantly build a Personal Knowledge Base using the school's existing digital resources, including textbooks, syllabus materials, notes, and past examination papers from the last three years. Students can use semantic search to retrieve information from their Personal Knowledge Base, ask questions, summarize content, and generate text. All operations are performed locally, ensuring complete data privacy and security.

Hardware
Lenovo ThinkPad T14s Gen 6

Software
Lenovo AI Now
Microsoft Windows 11 Pro

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"Lenovo AI Now is fundamentally changing how we approach education technology. Unlike generic AI platforms that rely on internet-sourced information, our on-device solution ensures students access only **verified, curriculum-aligned content**. Streamlining the operational work allows teachers to focus more on enhancing their lessons and engaging with students. Schools can implement the system in minutes rather than months, making **advanced AI accessible to educational institutions of all sizes**."

Serena Cheung

General Manager, Lenovo Hong Kong and Macau

3 The solution

Teaching the teachers

For the pilot project, several dozen students and teachers tested out the Lenovo AI PCs. Chong Gene Hang College arranged specialized workshops and training courses, held information sharing sessions, and established a teacher support group to help staff use the AI platform effectively.

Chan comments: "Lenovo provided comprehensive support in setting up the AI PCs and training our teachers to use the devices, which we greatly appreciated. The Lenovo team continues to provide ongoing advice and support."

Based on the success of the pilot project, Chong Gene Hang College is currently utilizing Lenovo AI Now for English, Mathematics, and Science, and is expanding its AI-powered self-study facility.

"Teachers have reported that Lenovo AI Now is user-friendly and easy to navigate, and the use of a local LLM helps to avoid potential information security risks."

CHAN Tsun Ming, Jimmy

Vice-Principal, Chong Gene Hang College

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"This collaboration with Lenovo represents a significant advancement in our digital transformation journey. By implementing Lenovo AI Now across select subjects, we're providing our students with tools that not only **enhance their learning experience** but also **prepare them for a future where AI literacy will be essential**. This demonstrates our commitment to educational innovation."

CHAN Tsun Ming, Jimmy

Vice-Principal, Chong Gene Hang College

4 The results

Today, teachers and students at Chong Gene Hang College have embraced the Lenovo AI Now solution.

Students can self-study through a guided platform based on the Lenovo AI Now Personal Knowledge Base, which encompasses a broad range of subjects and educational levels. The platform adapts to individual student needs, generating key points, Q&A analyses, and customized exercises based on past papers and previous teaching materials. Students receive immediate feedback, enabling them to focus their study time more effectively. "It's like having a personal tutor available whenever they need assistance," notes Chan.

4 The results

For teachers, the platform reduces administrative workload by automatically monitoring student progress, grading assignments, and generating feedback. It also streamlines announcements, policy updates, and communication with students and parents. Chong Gene Hang College reported a 40% reduction in teachers' administrative workload thanks to Lenovo AI Now, freeing up valuable time to focus on what they do best—supporting students.

✓ 40% reduction in administrative workload for teachers

✓ Frees up time for teachers to focus on students

✓ Personalized content helps to enhance learning outcomes

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"Our Lenovo AI Now pilot has been a great success, and we're working to systematically **expand and organize the Personal Knowledge Base to encompass even more subjects and educational levels**. We're also planning to integrate more personalized learning features to further enhance student engagement and attainment."

CHAN Tsun Ming, Jimmy

Vice-Principal, Chong Gene Hang College

Why Lenovo?

For Chong Gene Hang College, Lenovo AI Now offered an easy way to get started with AI. Lenovo AI Now comes pre-loaded on select laptop models, while Lenovo provides extensive support and training services.

"We were delighted with support we received from the Lenovo team," notes Chan. "They helped us with training sessions, making sure all teachers were comfortable using the new technology."

Crucially, because Lenovo AI Now uses a local LLM and works on local files, the school can ensure strict compliance with digital education safety standards and local data protection regulations.

How can schools take advantage of AI to support students and teachers?

Chong Gene Hang College delivers personalized learning content powered by Lenovo AI Now, helping to boost student engagement and reduce administrative workload for teachers.

Explore Lenovo Education Solutions

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