



Smart Information Systems for Sustainable Governance, Education, and Public Service

The College of Computing Education (CCE) leads projects that utilize technology to enhance the accessibility and effectiveness of education, governance, and public services.

These include:

- Smart Information Systems with DOST and LGUs to increase transparency and data protection
- eSTEP and StuFAPs, which help CHED and Davao City's EBSU manage scholarship programs
- A Smart Building System and ICT Mapping project to help with energy use and planning
- A Hospital Information System for the PNP Health Service and a Human Resource System for the 45th Special Action Company

These systems use advanced technology to make processes faster and more reliable, helping communities and public offices serve people better.

The project has had strong, measurable results. Over 10 organizations are now using the systems developed by CCE. Scholarship applications have become faster and easier to process through eSTEP and StuFAPs, helping many students in need. Government offices using the Smart Information Systems now work more efficiently and make better decisions. The Smart Building System has improved energy management and safety. In healthcare, the HIMS helps doctors and nurses access patient records easily, while the HRIS supports staff management at the PNP.

CCE plans to share these systems with more communities and government agencies across Mindanao. The team will add new features like mobile access, better analytics, and user-friendly designs. We also aim to bring the scholarship and health systems to other regions and build tools to help indigenous groups and disaster-prone areas. The college will continue holding training and gathering feedback from users to improve the systems.



By working closely with national partners and involving students through research and capstone projects, CCE will keep supporting innovation for long-term use. These best practices will grow stronger and help more people through better services and smarter use of technology.

