

OCF AI SOLUTIONS: HIGHER EDUCATION




SMART CAMPUS

RESEARCH &
INNOVATION

STUDENT EXPERIENCE

The higher education landscape is at the crossroads of an amazing digital shift. Higher education is faced with complex disruption from a changing student body who are digital natives expecting a more intuitive experience that fosters positive outcomes. This is where a digital campus, also referred to as a smart campus, plays a role in transforming the lives it touches. OCF recognises the importance of true transformation using technology that enables frictionless, touchless, and intuitive experiences driven by a digitally connected community.



Smart Campus comprises of digitally enabled classrooms & labs, smart mobility for easy of mobility and safety, intelligent building operations and high-speed digital teaching environments. At OCF we can quickly enable universities to scale their existing infrastructure to become an Artificial Intelligence (AI) enabled smart campus by deploying access control cameras at classrooms /labs, facial detection for attendance, threat detection for safety and security, vehicle identification for facility management.

Research and Innovation is the single largest contributor of various elements of AI, including deep learning, intelligent agents, machine learning, game theory, evolutionary algorithms, complexity science, biometrics and machine vision. OCF has been working with universities across disciplinary by provisioning infrastructure, frameworks, software, trainings, support and consultancy. GPU accelerated infrastructure along with the integration of High-Performance Computing (HPC) and AI has become an exciting innovative paradigm for industry and Higher Education.

Student Experience is empowered by personalising student learning with AI-driven student engagement solutions. Universities can improve student success with seamless video conferencing to real-time video analytics on student engagement. AI powered real-time transcription and translation to translate online classes and seminars into notes and multiple languages. Customised Contact Centre AI (Chatbots) to give your students and faculty the answers they need at the right time.