



SMART SCHOOL



We hear the term Smart Home, Smart Building, Smart Office incorporated with the automation solution term in every development projects. Yet however, has anyone heard about Smart School?

What is then Smart School? Aside from our knowledge and as we are told, a Smart School is a virtual school that uses a technology platform provided for remote location education.

However, Smart School as defined in concept by Smart HDL is generally a Green Concept adopted school. Smart School facilitates with the smart functions. Before we elaborate what are these functions an overview of what is called a School would assist us in comprehending on the perception of adapting the latest Technology.

The word “ School “ derived from the Greek word “ schole “, which originally meaning Leisure. A school is an institution designed to allow where our children can exercise their skills under the supervision of their second mentors.

As parents we want to reassure that our children is in a safe place once they leave our home to an institution. A secure place for them to settle-in away from their family as transition. This is the process that describes the period in which children move from home to school to after school activities. Consequently, what are those credentials that we are looking for so to know and secure ourselves that our children are in a safe place?

Basically, at home we shelter our family with the most important factor of living which are the healthy food & clean environment that we provide, apart from the emotional support we normally give them.

These factors can be attained through the adaptation of the automation solution system technology in controlling the lighting, HVAC, music or paging and security system like any common houses or offices and other establishments as these are the essential utilities that we depend at.





Herewith we signify the facility's applications and benefits that a smart school gives advantage with.

Indoors: (Classroom/Auditorium/Labs and Activity Room): A Full 2 Way Communication and Quality Monitoring, Interactive Classroom Environment, Clean and Healthy Classrooms, Monitoring and Direct Reporting on Student's Classroom Activity, Audio Pro (Speakers, Amplifiers, Microphones), Projector, Lifts, Screens, Full Stage Lighting Effects and Controls, Automatic Platforms, Complete HVAC Control, CCTV System, Hazard Alerts, Occupancy Sensor, Access Control, PA/BGM and Connectivity.

These functions facilitates in helping the mothers or parents participates actively in reducing the peers stress among the children as it is a widely recommended fact that parent's support plays an important role.



It dedicates assurance ability by and in between the Principal and Teacher or so Principal and Students as well Student and Administration.

Smart technology adopted the methods to involve the parents in day-to-day classroom and home activities. This process keeps the communication between teachers and parents open.

Outdoors: Digital Media Bulletin Boards, Creative Show Control and Display, Clean Automated Toilet Covers & Hygienic Toilet Seats, Security CCTV, Exit and Entry Monitoring Tag and Bio Recognition System and Public Address Announcement.

In concept of the new technology than a traditional learning institutions a Smart School generally generates green educational environment that helps the country's economy in saving wastages in energy and reduces the harmful carbon footprints, providing a healthy environment for our children.

A Smart School helps our children's development of prosocial behavior, emotional competence and empathy and should add asset to the value of education and reduce the risk of trend in student's juvenile delinquency globally that resort to crimes and uncontrolled violence. In this way should assist the authorities and every parents.

Smart school priorities the learning resource for the prosperity to mankind through the enhancement of communication in home and school in between parents and teachers and in control on thorough awareness of our children's activity and level of education.