SACHIN GANDHI
AN ARCHITECT &
INTERIOR DESIGNER

"Ahmedabad based Architect
Sachin Gandhi *explains*
*how he created his project*
a world of difference."

Sachin Gandhi & Associates is an architectural firm dealing in architectural, Interior design projects along with the urban projects. They are Ahmedabad ba design organization and their principal practice area covers projects of residential commercial buildings, institutional and office buildings, entertainment buildings amusement parks.

The firm is proficiently equipped to handle the large scale as well as small scale proje from all the fields. The firm is renowned for designing entertainment complexes cinema houses, multiplexes, as well as other significant projects.

Sachin Gandhi & Associates operates by a young architect Mr. Sachin Gandhi. Af finishing his under graduation in **architecture**, he has completed his **Masters in Bu Environment** from University of Westminster, **London**. There he has acquired go architectural experience by working with well known practice in London.

They are working for many corporate, semi government organization and priv developers. They are having affiliations with the various bodies which are keeping th up-to-date in terms of the knowledge and market trends.
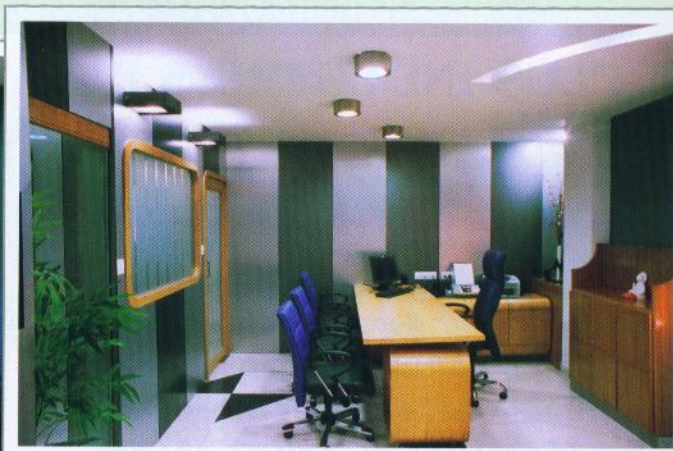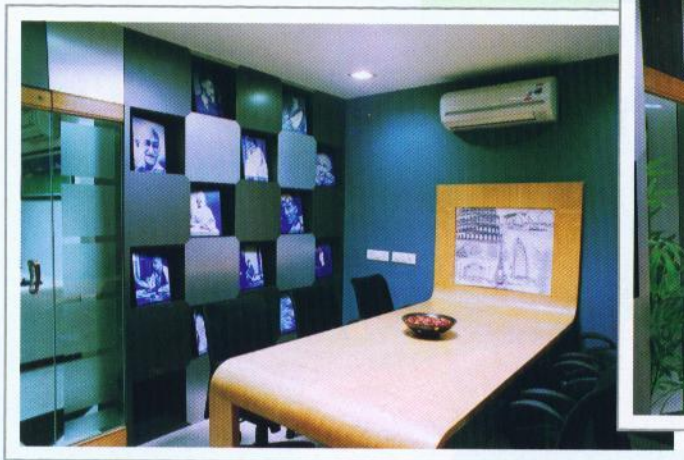
TECHNOLOGY ENGINEERING INVOLVEMENT IN ARCHITECTURE

BUILDING WITH BRAIN FOR BUILDING BRAINS

by **SACHIN GANDHI** - an architect & interior designer

Traditionally architects were regarded as artist but now the new image of engineers is also imposed on them. Hence the definition of the buildings has shifted to smart/intelligent engineered artworks. In past the clients asked for comfortable, creative (work of art), luxurious structures; now they ask for innovative, unique (never seen) and efficient structures. Buildings are no more seen as immortal human marks on this planet but as responsibility to reduce our carbon footprints.

What makes buildings intelligent? How to test the honesty of the technology? Can construction technology be quicker? How does technology engineering really involved in architecture?

A smart building can be almost any structure, from a shopping mall or home to a hospital or an office high-rise. They all share the common ability of "knowing" what is going on inside their walls and being able to respond accordingly. We can make our buildings work much better if we design systems in such a way that they talk with each other. The smart technology may range from nano cement to Wi-Fi sensors to integrated programs to sensitive flooring to automated systems.
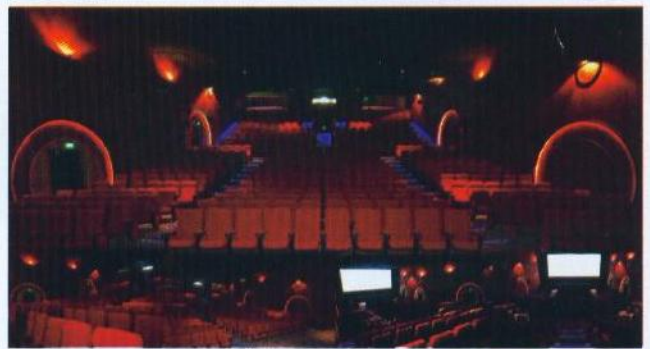
The building is the end result of coordination between architect, contractor, and all the consultants' involved. The obvious basic requirement of the project is that the client has a clear mindset and ready to accept the new and innovative technology.

The easiest way to test the applied technology is by using the end product. There is a high amount of risk involved. But client can be assured by analysing the results from the experiments conducted prior to construction and also by various examples. Technology can not only be used for saving the owner some cash but also offer significant help in saving the planet. Smart buildings equipped with an integrated array of sensors can also monitor such things as the amount of sunlight coming into a room and adjust indoor lighting accordingly. And advanced smart buildings can know who is visiting a building after hours and can control the environment.

FAST TRACK CONSTRUCTION

Smart contractors often play an economist's role, counseling clients on price escalations, material demands, supply shortages, alternative methods of construction, lifetime costs, efficiencies, impact on the environment and much more. 'Saving' goes well with time and money. In 1931, it took only 410 days – or just under 14 months – to complete the Empire State Building, which at 102 floors remained world's tallest building for 41 years. One way to achieve s speed is through fast tracking construction, which mo away from the traditional linear building process and over the design and construction to enable portions of the proje begin before the design is completed. In the present scen due to project management and integrating techniq architectural marvels can be created in very less time frame

CONCLUSION

Though it might still sound a bit far-fetched for bricks mortar to have a brain, industry experts say tod technology is now more than capable of giving buildings kind of intelligence. The traditional way to design construct a building is to design, install, and operate system separately. A smart building takes a different appr and integrates the design and installation of the systems. basic fundamental of a smart building are structured ca open network protocols and standardized databases.

Often we mistake new ideas with smartness but it is qua of efficiency that should relate with smartness. As archit we believe that it is as essential for the building to be hea as for the human body. For constructing healthy buildings very important that effort should be provided from the in scratch phase to final completion phase.
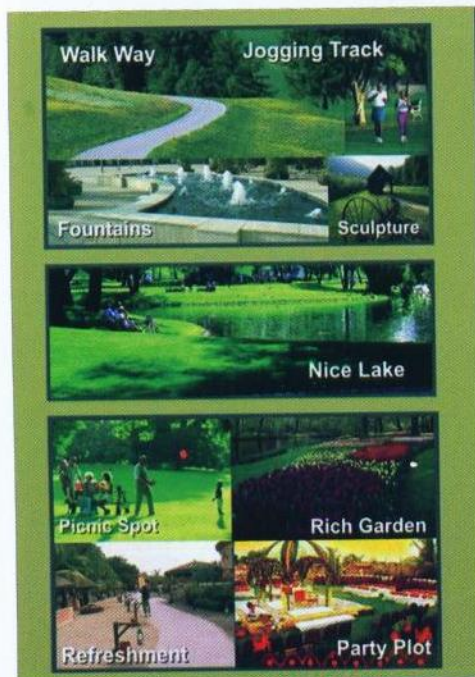
DEVELOPMENT OF
KANJIYU LAKE AT KADI

Nice Lake & Rich Gardens
Water Body & Fountains
Walk Way & Jogging Track
Marvelous Picnic Spot
Party Plot
Refreshment & Restaurant

Walk Way   Jogging Track
Fountains   Sculpture
Nice Lake
Picnic Spot   Rich Garden
Refreshment   Party Plot

Architect :
Sachin Gandhi & Associates

Owner :
Kadi Nagar Palika