

# ROYAL SCIENCE & TECHNOLOGY INNOVATION PARK SWAZILAND (THE KINGDOM OF E-SWATINI)

## THE INNOVATION PARK

The Innovation Park is situated at Phocweni at Kingdom of Swaziland.

The Innovation park houses;

- The technology based research and development center.
- The Business center
- The E-governance center
- The Call Center
- Administration facilities
- Boardroom and Video Conferencing Center
- Advance School of IT (Software development, hardware multimedia, cyber security, computer forensic and network forensic
- National Data Center (future)



The Royal Science and Technology Park is being developed to link education and training with the field of work with emphasis on research and development to support business enterprise. The RSTP's objective is to lay the foundation for the development of a knowledge economy. It seeks to develop infrastructure to facilitate the development of science, technology and innovation through research and development in the economy. The RSTP will foster the conception of inventions and facilitate their patenting and will help knit various elements of the R&D cluster together.

The function of the RSTP is to provide a

focal point for research, facilitate the links between research and industrial communities and stimulate the development of knowledge-based business through the incubation of techno-preneurship and high tech



enterprises. The RSTP will also serve as a training base for persons with new, innovative skills and provide them with the environment to experiment on new technologies. Identifying potential investors in high technology in collaboration with Swaziland Investment Promotion Authority (SIPA) and inculcating a culture of entrepreneurship among Swazi Graduates would be a major occupation of the RSTP. The park will facilitate specially promoted research in response to national priorities and develop strategies for the development of human resources.

This project is funded by Indian government and facilitated by Angelique International Noida as EPC contractor. Followings are the details of the project:

It is a G+3 building intended to be used



for IT offices.

- Land Area is 215200 Sqft.
- Total Built-Up Area is 70000.00Sqft approx.
- Ground floor height of the building is 4.7m.
- Typical storey height of the building is 4.25m.
- It accommodates a data centre on ground floor.

The building has been analysed as RCC special moment resisting frame system with suspended slabs over RCC beams with cast in situ method. The design of building has been done using STAAD-Pro software but with South African building codes. The major challenge was to design and details everything as per SAB standards such that it's a construction and procurement friendly design at such a remote place.

Following was the working team:

**EPC Contractor:** Angelique International Noida, under Mr. Rakesh Ahuja

**Principal Architects:** DFA Consultants Noida

**Associate architect:** Enaarc Associates

**Structural Design Consultants:** SKELETON Consultants Pvt Ltd. Noida

**MEP Consultants:** PKV Engineers Delhi

**Working team:** Er. Nitesh Agrawal, Mr. Joby Joseph, Er. Sammeem from Skeleton under the guidance of Er.(Dr.) Abhay Gupta

### Contact:

**Skeleton Consultants Pvt. Ltd.**

A-75, II Floor,

Sector 5, Noida (UP) 201301

Tel: 0120-4222642

Website: [www.skeleton.in](http://www.skeleton.in)