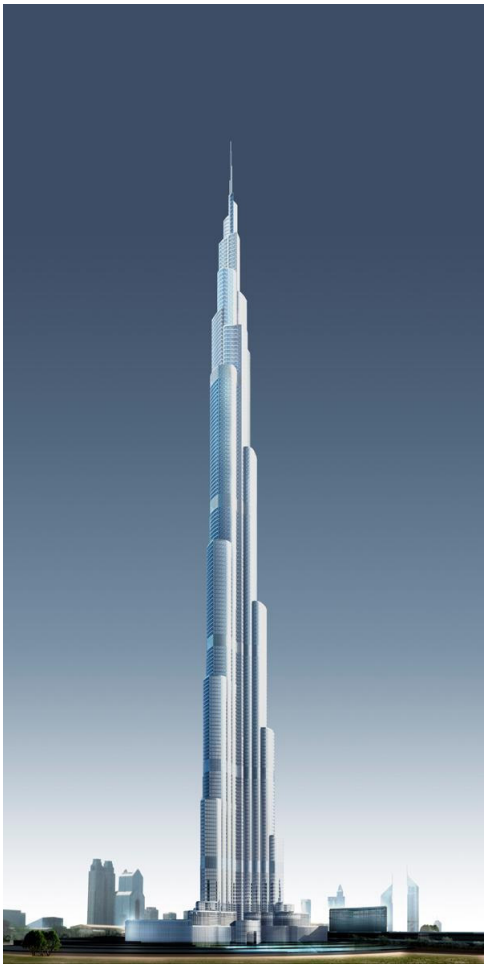


PS Engineering Consultants

2A, Plot:1, Sripuri Colony, Kakaguda, Kharkhana, Secunderabad, Hyderabad, India
e-mail: info@psec.in , web: www.psec.in

Hyderabad
+91-40-65 54 83 29
+91-97 00 15 93 25
+91-98 66 54 96 91

New Delhi
+91-97 16 10 05 67

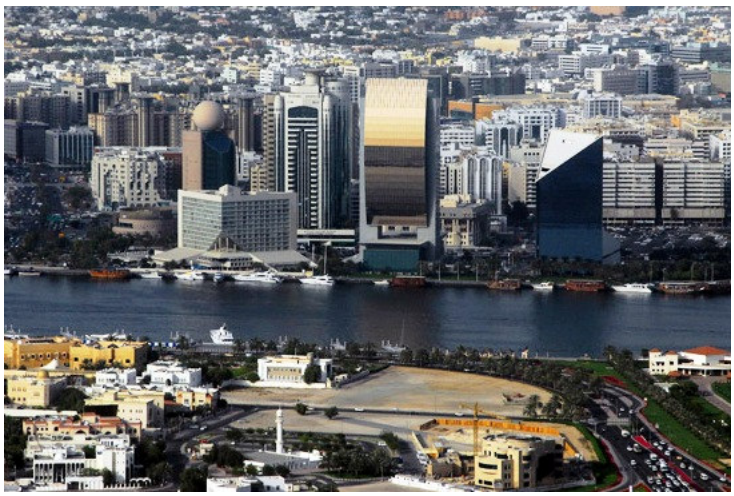
Dubai, UAE
+971-50-77 56 260
+971-50-42 54 280

PS Engineering Consultants (PSEC) is an Engineering, Planning and Management Consultancy set up by two experienced Post Graduate Engineers viz., Mr. C.A.Prasad and Mr. I.Satyanarayana based at Hyderabad, India.

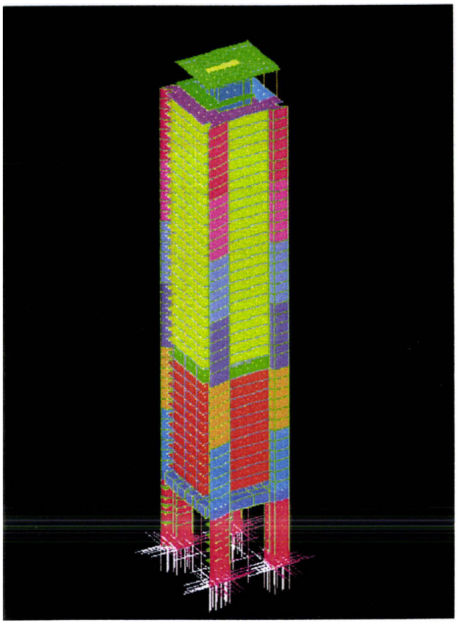
The key partners were associated with the construction boom in Dubai and Middle East over the last decade and particularly with the landmark projects such as Burj Al Arab, Emirates Towers, Burj Dubai etc.,

Dubai in Nineties

Modern Dubai



With the experience gained in the Design and Execution of Structures viz.,High Rise Buildings, Stadiums, Bridges, Marine Structures etc., and considering the growing demands of the Indian Construction field and the need for quality driven and efficient design systems, they have set up the firm in India with the aim to contribute their experience for the benefit of the Industry.



Experiences include the seismic resistant design of buildings to fatigue resistant design of long span pedestrian bridges.

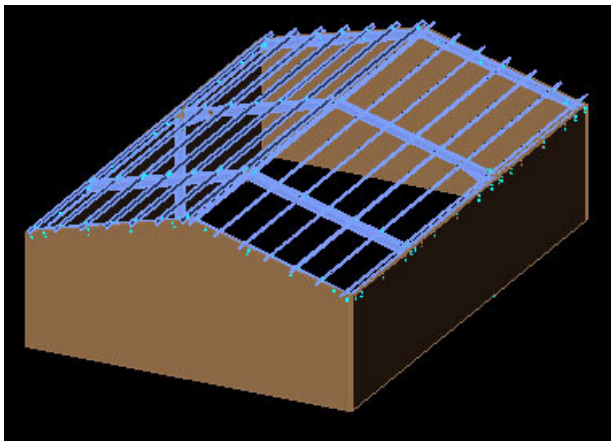
The works include the design and construction of swimming pools, high rise structures and stadiums.

Associated with the Design and Construction of the World class resorts to International Airports.

INFRASTRUCTURE

Airports, Seaports, Roads and Bridges, Industries are the growing demands of India and other developing countries.

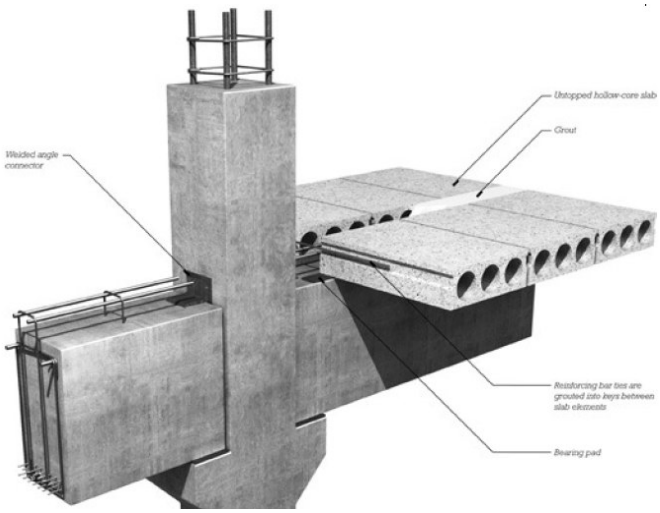
PSEC has the requisite experience in the planning and design of structures meant for the above.



Industrial, Onshore Oil & Gas structures

PSEC has expertise with the latest technologies and products such as Precast slabs, Post-tensioning, Structural Steel, Glulam Timber, FRP etc., and keeps up to date with the latest know-how in the field.

Accordingly, the Client will be advised on the adoption of latest cost-effective technologies resulting in early completion of projects and early revenues.

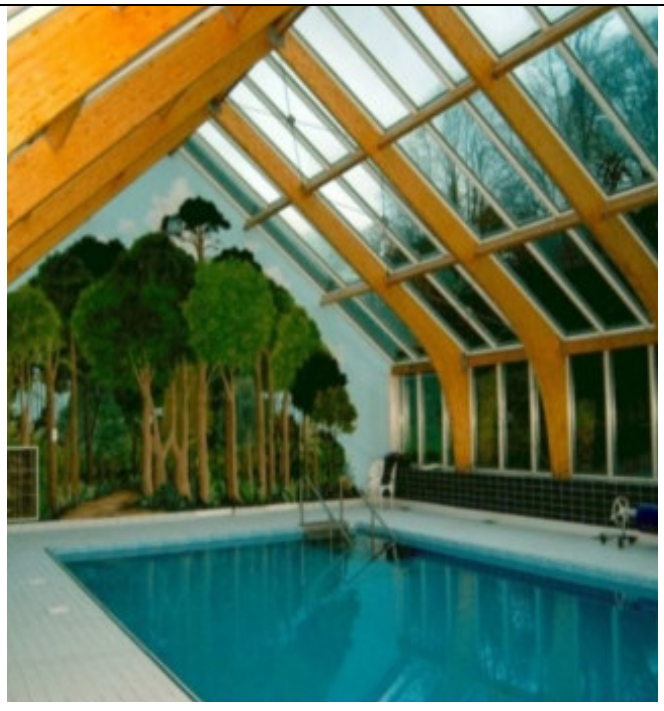


The Projects envisaged today are conceived to be built in shortest time possible, such that early occupation and revenues could be expected. These are possible by adopting precast, pre/post tensioning systems. Their usage in construction will achieve faster cycle time.

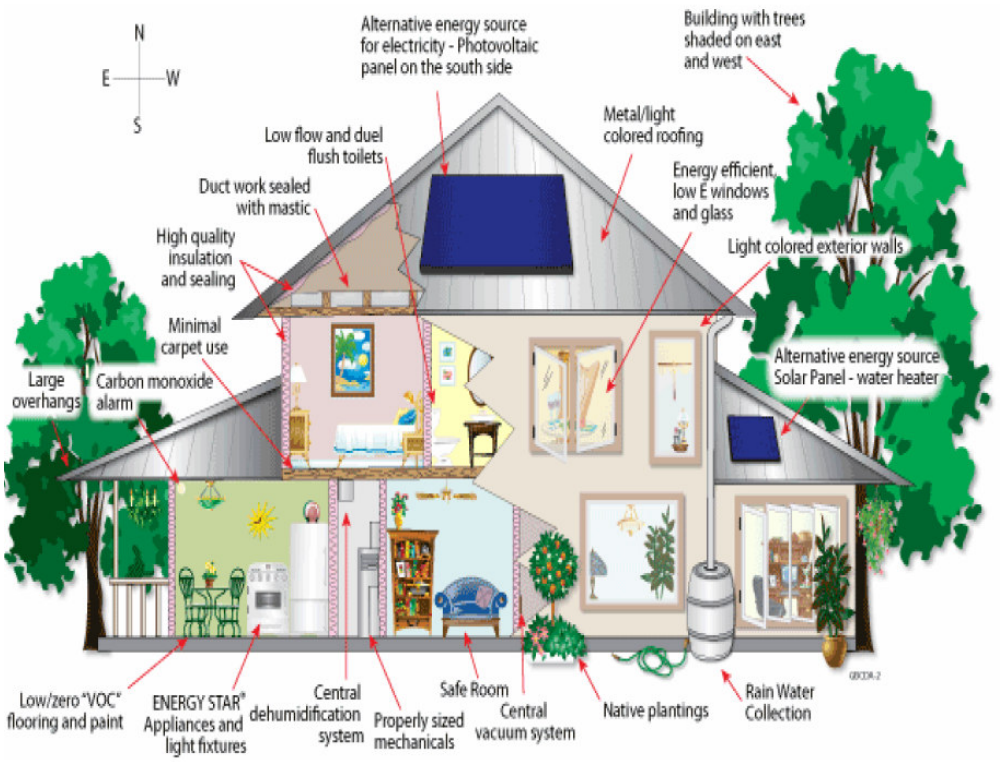
The precast slabs are comparable to the normal insitu slabs if production unit is in the reach of the site, as well as sufficient numbers are envisaged.

Quality of slabs are well controlled as they are factory make. The precast slabs are light weight compared to insitu slabs which will result in lesser sizes of columns and foundations.

Fiber reinforced plastic (FRP) is highly corrosive resistant and it is extensively used in construction now-a-days. Number of structures have been designed and built using FRP structural sections. FRP is used in strengthening of R.C.structures. FRP fibres are also used in PCC to enhance tensile strength of concrete.



Glu laminated Timber has made rapid development in recent years of timber engineering. Glulam products are more environmental friendly compared with concrete and steel. Glulam has increased strength for use in long span structures where Architectural beauty is a pre-requisite.



Green buildings are known as sustainable or high performance buildings that reduces energy use, conserve natural resources and reduce greenhouse gas emissions throughout a building's life-cycle. It attempts to balance economic, social, and environmental factors.

Effective green building can lead to

- **reduced operating costs by increasing productivity and using less energy and water**
- **improved public and occupant health due to improved indoor air quality and**
- **reduced environmental impacts by, for example, lessening storm water runoff and the heat island effect.**

Green Building is the key focus of PSEC and implements its principles to a variety of built environment such as buildings, retail, campus, community, neighborhood etc.,

PSEC will work on the following key areas:

- Large scale construction projects being implemented on J.V. basis with focus on coordination between Indian clients and their International counterparts in order to achieve optimum project output.

- Project Management services to deliver the works safely on time ensuring quality and optimum cost.

- Consultancy services for the selected construction projects which include special topics such as High Rise Structures, Seismic Resistant Design, High Strength Concrete, Robustness & Ductility, Fatigue, Wind Resistant Design, Aerodynamic Studies, Joint free construction etc., and Independent Reviews of the works carried out by others.

- Contribution to Indian Construction Industry in implementing latest technologies and concepts that are followed in the rest of the world (Examples include Precast construction, Structural Steelwork, Composite metal deck slabs, Fibremix concrete, Glulam Timber, Green Building rules etc.,)

PSEC has tie ups with the firms and specialists in abroad to achieve the above objectives.

Working closely with our international network, and utilizing the latest technology and systems, we deliver world class solutions in the following disciplines on which clients and partners can build on and grow.

Structural and Civil Engineering
Mechanical, Electrical and Plumbing (MEP)
Tall Buildings and High Rise
Industrial structures, Steel structures
Architectural (with the assistance of our net work of consultants)
Bridges
Green Buildings
Precast and prestressed structures
FRP structures
Earthquake Resistant Design
Surveying
Master Planning

C.A.Prasad

Mr. Prasad, is an Engineering graduate(B.Tech, civil Engineering), from Jawaharlal Nehru Technological University Hyderabad, and Post graduate in Engineering Structures (M.Tech) from Regional Engineering College, Kakatiya University, Warangal. He possesses 3 years of Research experience from Regional Engineering college, Warangal, and also published three papers, relating to Infilled beams and Vierendeel girders. He has 30 years of experience to his credit in the various fields of civil engineering, viz., Construction, Design, Quantity Surveying, and Project management of works.

He worked in the Middle east for ten years and worked in the firms like Balfour Beatty, WS Atkins, and Engineers Office. His Design works include the Burj Al Arab tower, Jumeirah Beach works, Millennium Grand Stand, Ware Houses and towers in Dubai and Ramada Tower in Doha, etc.,

His recent works include (1) Project management for Passenger Terminal Building of Hyderabad International Airport, India, (2) Design solutions for 44 Storey Office Tower(RCC), and a 28 storey IT Tower (RCC and Steel composite Structure) in Mumbai, and (3) Design solutions for biggest IT SEZ park in Gurgaon, India covering 12 million sft consisting of 13 Towers.

He is a Fellow of Institution of Engineers, India, Chartered Engineer, Member of American Society of Civil Engineers, USA, Chartered Member of Structural Engineering institute, USA

I.Satyanarayana

Mr. Satyanarayana is holding the qualifications of B.Tech Civil Engineering from JNTU, Kakinada and M.Tech Engineering Structures from Regional Engineering College, Warangal. He possesses 20 years of professional experience in various land mark projects. More than 12 years in the Middle East in the fields of High rise, Low rise Building structures, Industrial, Oil and Gas structures.

His recent works include Lead Engineer for the Structural Design Verification and Adoption of World's Tallest Building Burj Dubai, Dubai. He is also the Lead Engineer from concept to commission for the Sky walk Towers and Link Bridge, the world's longest pedestrian bridge connecting two buildings. His contributions in late nineties include the landmark projects such as Burj Al Arab and Emirates Twin Towers. He also contributed for a Race Course Stadium and several Mini Hydel Schemes earlier in India.

He is NAFEMS Registered with Advanced level in Building Structures. Member of several professional bodies such as American Society of Civil Engineers. Listed in Who's Who in Science and Engineering an US Publication. Recipient of Bharat Gaurav Award (2007) by India International Friendship Society.