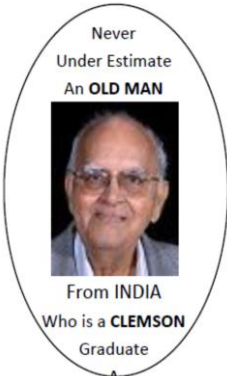


Curriculum Vitae



Surendra H. Shah is an 85 year old Mechanical Engineer with a degree from Clemson University, USA, 1961. During the span of his career of over 50 years, he has major HVAC projects to his credit-

Air India Terminal, State Bank of India Building, Oberoi Towers, MSEB Prakashgad Mumbai, SriLanka Oberoi, A housing complex at Baghdad Iraq, etc.

In 1970, he started Pan Asia Corporation, a breeding ground for his many innovative energy saving products, some of which have been patented now. He specializes in energy efficient low humidity systems for clean rooms and operation theaters.

Mentored by Dr. Thorat, he recently developed a patented highly energy efficient Heat Pump that uses only refrigeration compressors to supply very dry air at room temperature and pressure. It has a combined heating/drying COP of better than 6.7

In 2004 he designed wind towers for the CII-Sohrabji Godrej Green Building Center in Hyderabad, which went on to receive the country's first Platinum rated LEEDS building. The wind towers at CII-SG GBC saved more than 150 ton-hours from the fresh air load.

He combines the *techniques* used in cooling of heritage structures such as the Taj Mahal with modern *technology*, resulting in an incredibly energy efficient cooling system. It needs only 150 watts to extract three tons of solar heat load. In an air conditioned pharma warehouse it has reduced its cooling load from 57 tons to 24 tons.

In the Swatantrya Veer Savarkar Smarak at Shivaji Park, Mumbai, a 6000 sq. Ft. podium is cooled by the same system. It has reduced the cooling load of the office below by 25% and energy by 40%.

The latest "Game Changer" version of the same system cools an office building in Nashik in the summer and can heat it in the winter, if required. It has zero impact on the environment, because it does not consume any fuel or water. There are no solid, liquid or gas emissions from it.

There are many more inventions, The company has survived for over 45 years by selling only its own inventions and innovative products.

Mr. Shah is a life member ISHRAE (Indian Society of Heating, Refrigerating and Air Conditioning Engineers), IIID (Institute of Indian Interior Designers) and SESI (Solar Energy Society of India). He is also a visiting faculty at the Rachana Sansad's Institute of Environmental Architecture

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