



John Ericsson (1803-1889)

John Ericsson, one of the 19th Century's most creative engineers and inventors, was born on 31 July 1803 in Sweden. As a youth, he joined the Swedish Army, which recognized his talents and put him to work on topographical duties. Ericsson left the Army in 1826 and moved to England, where he pursued a variety of engineering projects, among them the use of screw propellers on ships, the development of extraordinarily large guns and the creation of engines driven by hot air instead of steam.

John Ericsson's work attracted the attention Robert F. Stockton, an influential and progressive U.S. Navy officer, who encouraged him to relocate to the United States. During the early 1840s, the two designed a screw-propelled warship, which was commissioned in 1843 as USS Princeton, armed with heavy guns of their devising. The tragic explosion of one of these guns, and efforts to improperly assign the blame to Ericsson, led the strong-willed engineer to redirect his creativity into civilian fields, which he pursued successfully during the 1840 and 1850.



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EDITOR'S VOICE:

Super High rise Building Technology

Super high rise buildings are supported by advanced structural analysis techniques and materials technology. Super high rises towering over 200m high were once constructed mainly as steel frame structures. Now many super high rises we see today use reinforced concrete, which steel-frame structures in constructability and economic efficiency.



These buildings own their structural excellence to the development of high strength concrete technology whose strength is several times higher than that of ordinary concrete.

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BY

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STUDENT'S ACTIVITIES:

The Department of Civil Engineering II year students has attended a motivation lecture conducted in our college campus. Dr.H.Kalyan Rao working as a professor in NRI Medical College gives a motivation lecture to students. He discussed the time management plays a important role in every student life.



Goal setting is very important to achieve the targets in students life. Set short term goals and long term goals in every student to achieve the target easily. He also discussed when achieved short term goals, self confidence levels is increased to students and they can achieve long term goals and reach their expectations.

WORKSHOP:

Workshop on Fundamentals of GIS

The Department of Civil Engineering IV year students has attended workshop on Fundamentals of GIS conducted in Vignan's University. Mr.KasiVishwamadhan and Mr.Chandra Mouli experts and leading faculty in GIS is intended to equip the trainers in academia with the practical skills on geographic information system. Through open source software, the program will cover creation of geo-maps from the scratch with overlays of thematic information.



The program will deals with a case study on urban planning. The workshop will be conducted through blended learning approach with instructor-lead sessions, practical demonstration and hands on exercises.