



BHILAI INSTITUTE OF TECHNOLOGY RAIPUR
DEPARTMENT OF CIVIL ENGINEERING

AAKAAR

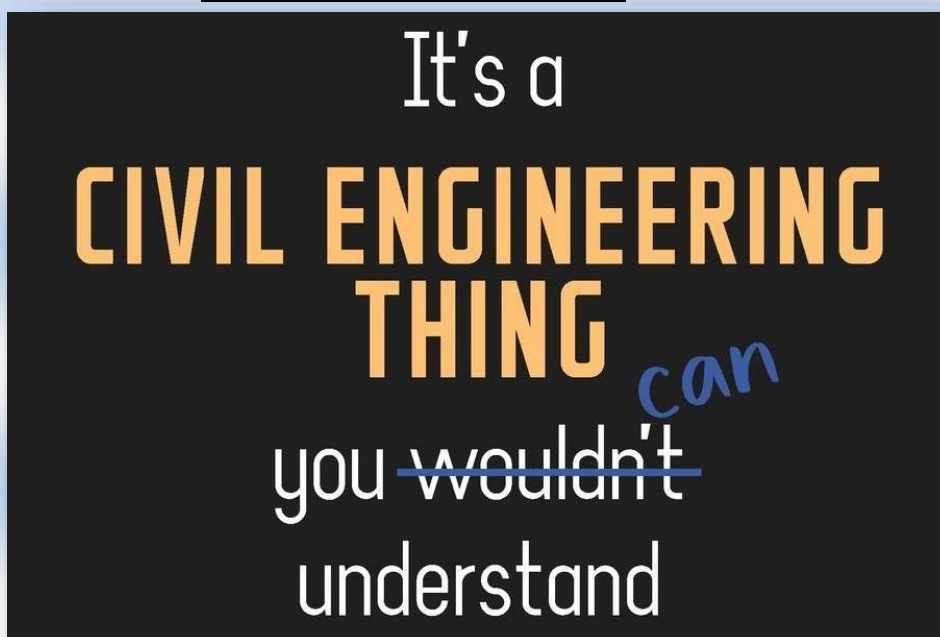
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Famous Civil Engineers

Sir Adi Kanga

Adi Kanga was an Indian civil engineer, writer and one of the planners of the city of Navi Mumbai. He was born on March 16, 1923 in Bombay (now Mumbai) to a Parsi family. He worked at CIDCO as a General Manager where he was involved in the planning and execution of Navi Mumbai city and it was he who recommended the construction of Vashi Bridge. Kanga personally drew up the plans for the New City at Vashi, on the dining table at his residence. Hand coloring the various zones of the proposed new city even before drafts men were available at CIDCO. He was also the author of a book Number Mosaics: Journeys in Search of Universals, published in 1995. He died on April 1, 2013 in Sydney.

Beijing Daxing International Airport

Beijing Daxing International Airport (IATA:PKX,ICAO:ZBAD) is a large International airport located on the border of Beijing and Langfang, Hebei Province . The airport is Beijing's second international airport, after Beijing Capital International Airport. It has been nicknamed "the starfish". It was completed on June 30 2019 and began operation on September 26, 2019. After almost five years of construction, the CN¥ 80 billion (US\$11.4 billion) facility features a 700,000 m² (7,500,000 sq ft) terminal, the world's largest single building airport terminal, and sits on 47 km² of land.

Location –Daxing, Beijing and Guangyang, Langfang (Hebei).

Elevation ASML – 98ft/30m

The airport won the award of best airport by hygiene measures in Asia-Pacific in 2020 by Airports Council International.



Boom Concrete placer

A boom placer is a machine used for transferring liquid concrete by pumping. Concrete pump is attached to a truck or longer units are on semi-trailers. It uses a remote controlled articulating robotic arm (called a boom) to place concrete accurately. Boom pumps are used on most of the larger construction projects as they are capable of pumping at very high volumes and because of the labour saving nature of the placing boom. They are a revolutionary alternative to line-concrete pumps.

Alumni Section



Civil Engineering
2011–15 Batch

Ms. Kshipra Keshariya of civil engineering 2011-15 batch got selected Structural Design Engineer in FL Smidth pvt. Ltd, Chennai, India. , which is famous multinational engineering company it provides global cement and mineral industries with factories, machinery and services. She shared her experience about B.E. life by telling us that the supportive nature of faculties and concept clearing during her B.E helped her immensely to get selected in the company.

Faculty Section

- Prof. Deepmala Pandey's project successfully selected for Collaborative Research Project under TEQUIP-III phase-3.
- Dr. R.K. Mishra, Prof. Vaibhav Deshpande and Prof. Ankit Shinde presented a paper in international conference held at SSIPMT, Raipur.

Students Achievement

- Md. Danish has started a startup as a Co-Founder of a Gifting and Event Management Company named as Surprise Hours having Revenue of 1 million.
- Neeraj Gupta, Apurva Hardaha, Vikas Tarak and Sujit Pandey students of Civil Department batch 2015-19 got qualified in GATE 2019.

Sketch Up

SketchUp is a 3D modeling computer program for drawing applications such as architectural, interior design, landscape architecture, civil and mechanical engineering, film and video game design. It is available as a web-based application, SketchUp Free and a paid version with additional functionality, SketchUp Pro.

SketchUp is owned by Trimble Inc. a mapping surveying and navigation equipment company. The program includes drawing layout functionality, surface rendering in different "styles", enables placement of its models within Google Earth.



AAC Block

Autoclaved Aerated Concrete is a Lightweight, Load-bearing, High-insulating, Durable building product, which is produced in a wide range of sizes and strengths AAC Blocks is lightweight and compare to the red bricks AAC blocks are three times lighter. The Autoclaved Aerated Concrete (AAC) material was developed in 1924 in Sweden. It has become one of the most

Origin:

The Autoclaved Aerated Concrete (AAC) material was developed in 1924 in Sweden. It has become one of the most used building materials in Europe and is rapidly growing in many other countries around the world.

