Big, Bigger, Biggest

http://natgeotv.com/asia/big-bigger-biggest-biggest/about

National Geographic initiative on Engineering Marvels
Burj Dubai
600 meters high
F18 Aircraft Carrier USS Nimitz
99,000-ton floating on water
Housing 2 Nuclear reactors to fuel it
Panama Canal
Connecting Pacific and Atlantic Oceans
Japan's Akashi Bridge
World’s longest suspension bridge
Giza Pyramid (2560 BC)
146 m high, 230 m base side
~ 6 million ton mass in 20 yrs.
Augmented Reality
AR in Tourism

- Cruising through street was never so engaging
- Requires Android or iOS smartphones equipped with GPS, FHD camera and AR capability
Enhanced hotel booking experience using AR

- It tells you about nearby places such as old town, coffee lounge, shopping mall, Bus/Metro/Tube station, eating joints
A virtual guide

Streetmuseum, iOS App-Museum of London
A virtual guide

Colchester Castle, Essex, England

Recreating Nottingham's history to life
Interactive digital storytelling for Museums

- Digital Binocular Station implemented in Canterbury Museum, NZ (www.DigitalBinocularStation.com)
- Using AR to bring Museum content to live
Riding on a Time Machine

AR game *TimeWarp* allows tourists to walk around the city of Cologne in Germany.

- Visitors could travel to ancient battlefields and get an accurate impression of how they looked centuries ago.
Is Pokémon Go the model for the future?

- In 2016, the City of Toronto, Canada, asked the makers of Pokémon Go to relocate its virtual beacons due to overcrowding at an already-crowded ferry terminal.
3D Walk Through of Historical Places
3D Simulation and Environment Visualization

- A project of 3D virtual walk through of Ajanta Caves (#1) done by Profs. Binita Desai (DA-IICT) and Chitra Shriram in 2009-10.

- Used tools:
  - Autodesk Maya 2009
  - DirectX
  - Python Script
  - Quest3D 4.0
  - Adobe Photoshop CS3
  - Visual C# 2005 Express Edition
  - Nvidia Normal Filter
Ajanta Caves
Content generation using MashUp Technology
Responsive website of a tourist place or of the State Tourism

- Dr. Anil Roy and his team, in 2011
- Tools used:
  - Java
  - Flash
  - Quick Time Player
  - Google Map Street interface
- In Gujarat Tourism website was created that generated its own content.
Responsive website of a tourist place or of the State Tourism
Responsive website of a tourist place or of the State Tourism

- Used data (images/videos/comments) from SNS like:
  - Facebook
  - Instagram
  - Twitter
  - Google Places
  - FourSquare
  - YouTube

- It throws content of the travel guides, information on different places inside a city, etc., so that one can get information required to visit, stay, dine, shop, trek, holiday – everything.