SNS COLLEGE OF ENGINEERING

Kurumbapalayam(Po), Coimbatore – 641 107

Accredited by NAAC-UGC with 'A' Grade

Approved by AICTE, Recognized by UGC & Affiliated to Anna University, Chennai

Department of Information Technology

Evaluation of Cloud Computing

Prepared by
T.R.Lekhaa,
AP/IT

Trends in IT Industries

Old World	New World
Static	Dynamic
Silo	Shared
Physical	Virtual
Manual	Automated
Application	Service

Transitioning from **S**ilo **O**riented **A**rchitecture
to
Service **O**riented **A**rchitecture

Evaluation of Cloud Computing

- LAN
- MAN

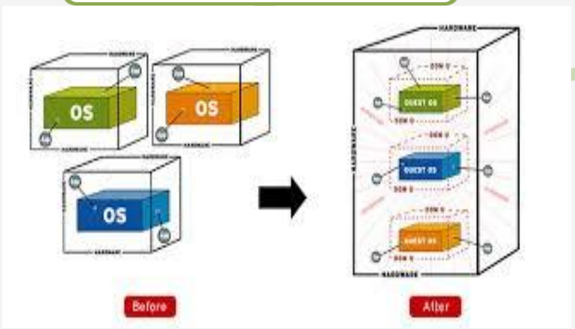
Networks

Internet

- Inter networking of LAN

- Server
- Storage

Virtualization



Cluster Computing

- Within Organization

- XaaS

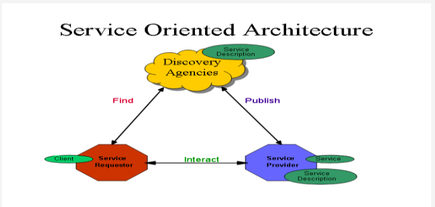
Cloud Computing

Grid Computing

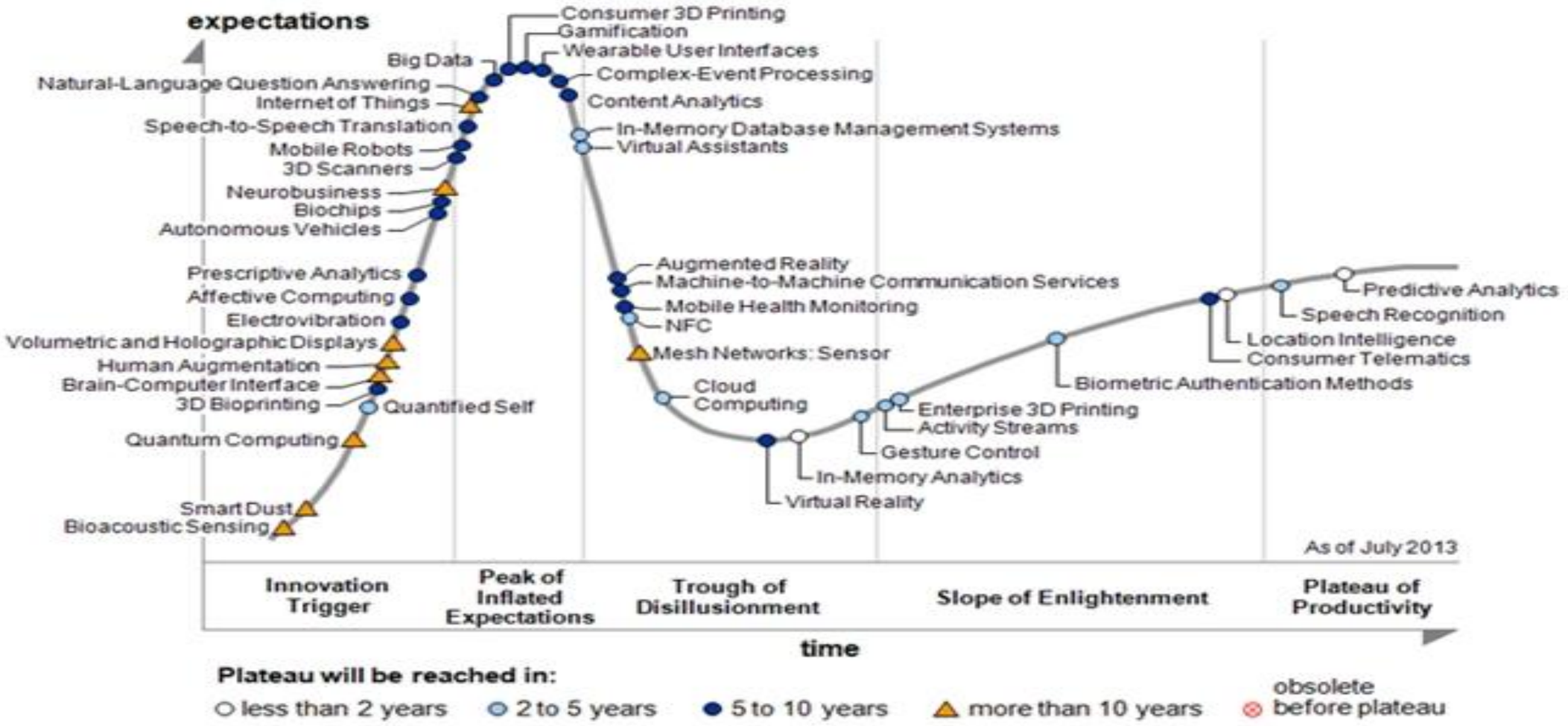
- HPC

- SOA
- Web 2.0

Web Services



GOVERNANCE - HYPECYCLE



EMERGING TECHNOLOGIES - GARTNER

- Bioacoustic Sensing
- Smart Dust
- Quantum Computing
- 3D Bioprinting
- Brain-Computer Interface
- Human Augmentation
- Volumetric and Holographic Displays
- Electro vibration
- Affective Computing
- Prescriptive Analytics
- Autonomous Vehicles
- Biochips & Neuro business

AT THE PEAK - GARTNER

- 3D Scanners
- Mobile Robots
- Speech-to-Speech Translation
- Internet of Things
- Big Data
- Consumer 3D Printing
- Gamification
- Wearable User Interfaces
- Complex-Event Processing
- Content Analytics
- In-Memory Database Management Systems
- Virtual Assistants