



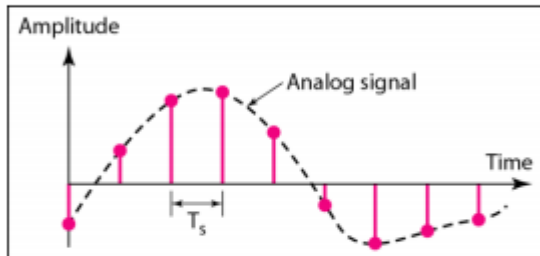
ANDHI SCHOOL OF ENGINEERING, BHABANDHA, BERHAMPUR

# TEACHING LEARNING MATERIAL OF DIGITAL SIGNAL PROCESSING

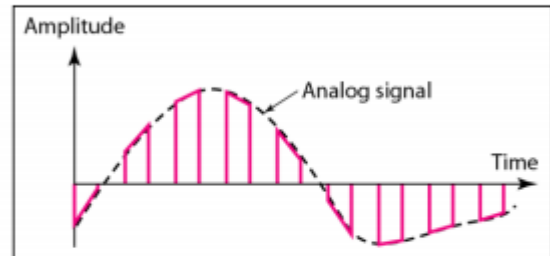
PREPARED BY: PRETESSHA MAHAPATRO

### Sampling methods:

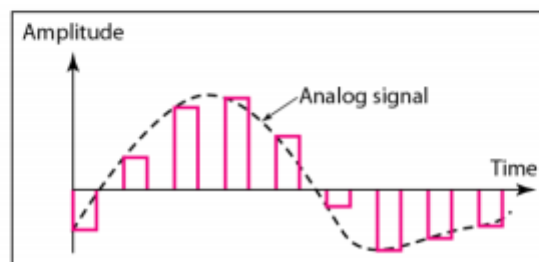
- Ideal – An impulse at each sampling instant.
- Natural – A pulse of Short width with varying amplitude.
- Flat Top – Uses sample and hold, like natural but with single amplitude value.



a. Ideal sampling



b. Natural sampling



c. Flat-top sampling