

# What is a Management Information System?

December 12, 2020

In news

Indian Railway launches Hospital Management Information System (HMIS) to provide better health care facilities to its workforce with the help of information technology

## About the HMIS of Indian Railways

- The HMIS of Indian Railways has been developed by Indian Railways in coordination with RailTel Corporation Limited.
- The objective of the HMIS is to provide a single-window of clearance of hospital administration activity such as clinical, diagnostics, pharmacy, examinations, industrial health, etc.
- The primary objectives of the envisaged solution are:
  - Effectively manage all the health facilities & their resources
  - Monitor performance of hospitals across the administrative channel
  - Impart quality health care services to its beneficiaries
  - Improve the patient turn-around time
  - Generate and maintain EMR (electronic medical records) of all patients

## What is a Management Information System?

- It is an information system used for decision-making, and for the coordination, control, analysis, and visualization of information in an organization.
- MIS is a people-oriented field with an emphasis on service through technology
- The study of the management information systems involves

people, processes and technology in an organizational context

- In a corporate setting, the ultimate goal of the use of a management information system is to increase the value and profits of the business
- This is done by providing managers with timely and appropriate information allowing them to make effective decisions within a shorter period of time.

### Five eras of MIS

- First Era – Mainframe and minicomputer computing
- Second Era – Personal computers
- Third Era – Client/server networks
- Fourth Era – Enterprise computing
- Fifth Era – Cloud computing