



HEALTH MANAGEMENT INFORMATION SYSTEM

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Problems or constraints of HMIS in India

5. Technological

- Much manual paper based system.
- Absence or lack of computerized data base system

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Subsystems/sub components of HMIS

- Epidemiological surveillance
- Routine service reporting
- Specific program reporting
- Administrative systems
- Vital registration

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- Low levels of public will, about vital registration system.
- Inadequate government's capacity and lack of firm political decision
- Gender issues in vital events registration
- Fragmentation of health information
- Establishing a unified information system with in country.

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- Helping decision makers to detect and control emerging and endemic health problems.
- Help in monitoring progress towards health goals and promote equity.
- Empowering individuals and communities with timely and understandable health related information.
- Improving quality of services.

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- Strengthening the evidence base for effective health policies.
- Permitting evaluation of scale up efforts and enabling innovation through research.
- Mobilizing new resources and ensuring accountability in the way they are used.
- Improving governance.

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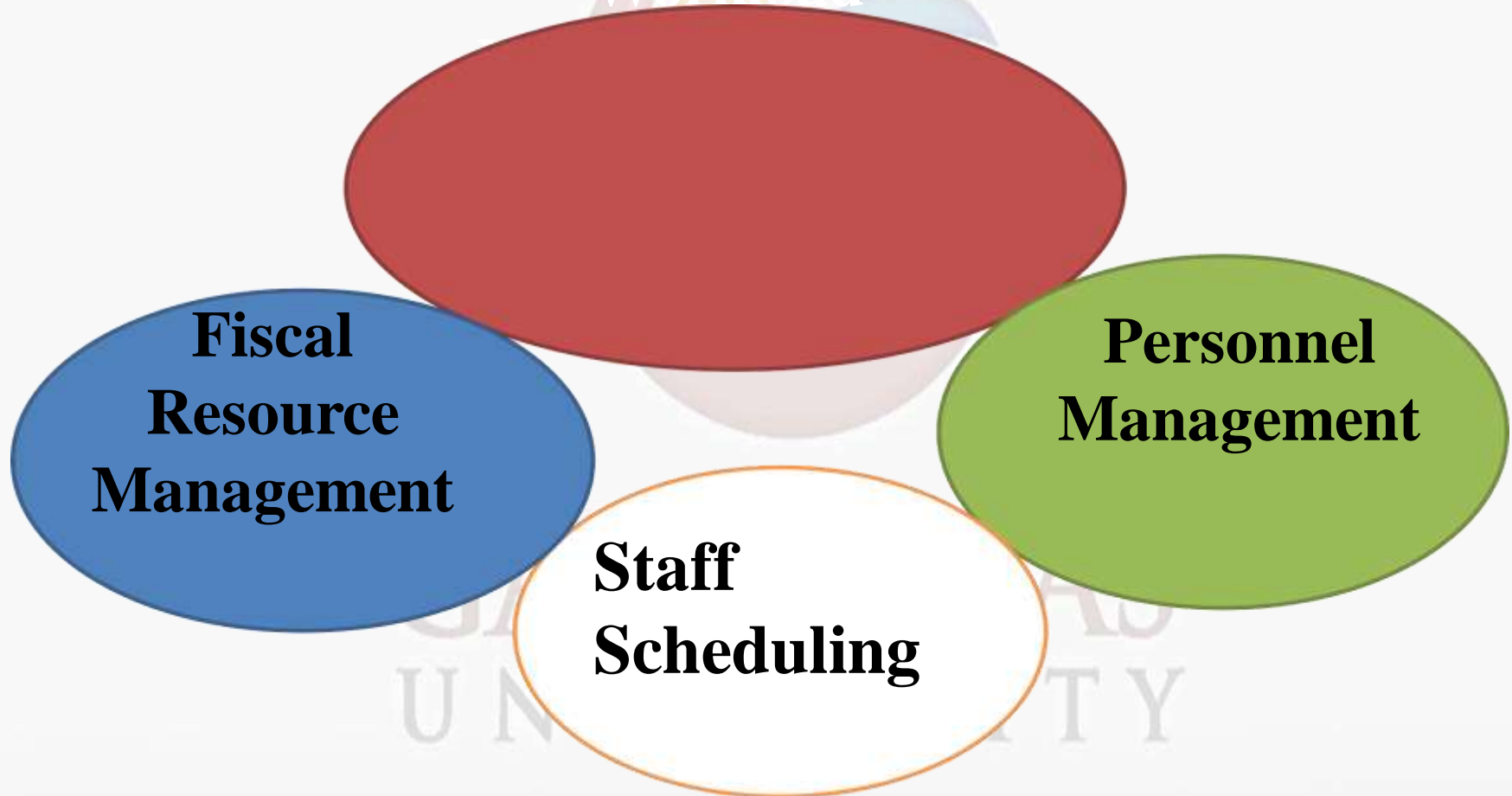
NURSING MANAGEMENT INFORMATION SYSTEM(NIMS)

Nursing information systems (NIS) are computer systems that manage clinical data from a variety of healthcare environments, and made available in a timely and orderly fashion to aid nurses in improving patient care.



APPLICATIONS OF NMIS

Workload



FISCAL RESOURCE MANAGEMENT :

- The information generated can be used to monitor past performance or to predict future performance.
- Accumulated data can be analysed for the development of trends that can be used to project future expenditures.
- Necessary reallocations and budgetary adjustments can then be made on the basis of these projections.

WORKLOAD MEASUREMENT AND STAFFING **REQUIREMENTS:**

- It helps to store, manipulate and retrieve large volumes of data.
- The information generated assists nursing managers in planning, monitoring and evaluating use of nursing resources on a daily basis and in the longer time frame.
- It is used to generate staff schedules with conjunction with personnel management.

STAFF SCHEDULING:

- Nursing managers are able to plan schedules in advance with considerable time savings.
- Staffs are informed well ahead of time.
- Staffing records, if maintained properly, provide useful information for monitoring absenteeism, scheduled time off, and turn over.

PERSONNEL MANAGEMENT:

- An employee with a special mix of skills can be located.
- Records are readily accessible needed for accreditation purposes or to monitor contract compliance.
- The information may be retrieved on a daily basis for use in conjunction with workload measurement and contract requirements to plan staffing assignments.



ADVANTAGES OF NIS

1) IN NURSING ADMINISTRATION:

Evaluate quality assurance programs Defend

resource allocation to nursing

Demonstrate the contribution nursing, makes to the care of the patient.

Identify outcomes of nursing care

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ADVANTAGES OF NIS

2) IN NURSING PRACTICE:

- Enhance documentation by nurses
- Provide data to enable research directed at examining the inter relationships between data elements and nursing outcomes.
- Facilitate development of the nursing process

ADVANTAGES OF NIS

3) NURSING RESEARCH:

- To assess variables on multi levels including institutional, local, regional, and national.
- Identify trends to build information and to further synthesize to develop nursing knowledge



ADVANTAGES OF NIS

4) NURSING EDUCATION:

- To develop body of knowledge with focus on nursing process
- To enable staff educational needs based on follow up care and outcomes.
- To enhance student nurses accurate documentation

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School of Nursing

Course Code : BSCN4002

Course Name: Community Health Nursing2

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Thank You