Gyanmanjari Innovative University

Course Syllabus

Gyanmanjari Institute of Medical Science and Healthcare

Semester-1

Subject: Health Information & Maternal, Child and Reproductive Health-PGDSI11504

Type of course: Major

Prerequisite: Basic understanding of human biology, food, nutrition, hygiene and public health.

Rationale: This subject develops knowledge of health information, records, reporting systems and reproductive–child health services. It prepares Sanitary Inspector students to support accurate health reporting, health education, maternal and child health promotion, community participation and effective public-health management.

Teaching and Examination Scheme:

Teaching Scheme			Credits	Examination Marks					Total Marks
CI	T	P	C	Theory Evaluation		Practical Marks			
				ESE	MSE	V	P	ALA	
4	0	0	4	60	30	10	00	50	150

Legends: CI-Class Room Instructions; T – Tutorial; P - Practical; C – Credit; ESE - End Semester Examination; MSE- Mid Semester Examination; V – Viva; CA - Continuous Assessment; ALA- Active Learning Activities.

Continuous Assessment:

Sr. No	Active Learning Activities	Marks
1	**Health Record Exercise** Students practice organizing sample health information into health registers/tables, and upload it on the GMIU web portal.	10
2	**HMIS Case Activity** Students interpret a simple community-health dataset, identify important indicators, and upload it on the GMIU web portal.	10
3	**RCH Counselling Role Play** Students demonstrate health education and counselling for maternal and child health through a role play, and upload the role-play video/report on the GMIU web portal.	10
4	**Immunization Schedule Activity** Students prepare and interpret a child immunization chart, and upload it on the GMIU web portal.	10
5	**Community Health Awareness Project** Students prepare an awareness presentation on reproductive, maternal and child health, and upload it on the GMIU web portal.	10
Total		**50**

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Course Content:

Unit No.	Course content	Hrs	% Weight age
1	**Health Information and Health Records** • Concept and importance of health information, Sources and types of health data Health records and registers • Collection, compilation, storage and retrieval of health information • Confidentiality and ethical handling of records Basic health indicators and reporting	15	25%
2	**Health Information Systems and Community Health Management** • HMIS and health reporting • Data collection and quality control • Health statistics and indicators • Surveillance and disease reporting • Use of health information for planning and evaluation • Role of Sanitary Inspector in health information management	15	25%
3	**Reproductive and Child Health** • Reproductive health: concept and components • Maternal health and antenatal care • Safe motherhood and postnatal care • Family planning and contraceptive methods • Newborn and child health • Immunization and growth monitoring • Prevention of maternal and child morbidity and mortality	15	25%
4	**Reproductive–Child Health Management and Community Services** • RCH services and community-level health programmes • Adolescent reproductive health • Nutrition of mothers and children • Referral and follow-up systems • Health education, counselling and community participation • Maintenance of RCH records and reports • Role of Sanitary Inspector in RCH awareness and public health services	15	25%

Suggested Specification table with Marks (Theory):

Distribution of Theory Marks (Revised Bloom's Taxonomy)						
Level	Remembrance (R)	Understanding (U)	Application (A)	Analyze (N)	Evaluate (E)	Create (C)
Weightage	20%	20%	20%	10%	10%	20%

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the question paper may vary slightly from above table.

Course Outcome:

After learning the course, the students should be able to:	
CO1	Explain the principles, sources and uses of health information and health records.
CO2	Describe basic health indicators, reporting systems and the role of HMIS in community health management.
CO3	Explain major components of reproductive, maternal, newborn and child health.
CO4	Apply principles of health education, record maintenance, referral and community participation in RCH management.

Instructional Method:

The course may be delivered through lectures, demonstrations, case studies, group discussions, role play, quizzes, brainstorming, field-oriented activities and audiovisual resources.

Students may use supplementary e-learning and government/public-health resources. Internal evaluation may be based on active learning assignments, presentations, quizzes and case studies.

Reference Books:

1. Cunningham, F. G., Leveno, K. J., Bloom, S. L., Dashe, J. S., Hoffman, B. L., Casey, B. M., & Spong, C. Y. (2022). *Williams obstetrics* (26th ed.). McGraw Hill.
2. Ghai, O. P., Paul, V. K., & Bagga, A. (2019). *Ghai essential pediatrics* (9th ed.). CBS Publishers & Distributors.
3. Kliegman, R. M., St. Geme, J. W., Blum, N. J., Shah, S. S., Tasker, R. C., & Wilson, K. M. (Eds.). (2020). *Nelson textbook of pediatrics* (21st ed.). Elsevier.
4. Suryakantha, A. H. (2019). *Community medicine with recent advances* (4th ed.). Jaypee Brothers Medical Publishers.
5. Bhalwar, R. (Ed.). (2019). *Textbook of community medicine*. Wolters Kluwer.

6. World Health Organization. (2023). *WHO recommendations on antenatal care for a positive pregnancy experience*. World Health Organization.
7. World Health Organization. (2022). *WHO recommendations on maternal and newborn care for a positive postnatal experience*. World Health Organization.