



ALAGAPPA UNIVERSITY

(A State University Accredited with A+ Grade by NAAC (CGPA: 3.64)
in the Third Cycle and Graded as Category-I University by MHRD-UGC)

Karaikudi - 630003, Tamil Nadu, India.



DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

Value Added Course

HEALTH INFORMATION SYSTEM

Course Code : LISVAC-01

Duration : 30 Hours

Session : Dec 2023 - Jan 2024

Course Coordinator : Dr. S. THANUSKODI



Learning Outcomes :

- Students will understand the growth and development of health science libraries
- Students will know the national and international health science databases
- Students will be able to identify the resource sharing and networking in health science libraries in India

Course Content :

- Health Science Education and Health Science Libraries
- Health Science Information Sources and Services
- Organizations Health Science Libraries and Information Centers
- Information Needs in Health Science
- Management of Health Science Information System and Networks

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Course code: LISVAC-01	HEALTH SCIENCE INFORMATION SYSTEM	Hours: 30
Objectives	<ul style="list-style-type: none"> ➤ To provide an understanding of need for library and information service support to medical health & welfare areas. ➤ To help students to understand the nature of information sources Information users and Information services in Medical Libraries and Information Centers. ➤ To develop knowledge in planning and development of information services and system suitable for medical libraries 	
Unit -I	Health Science Education and Health Science Libraries: Growth and Development of Health Science (Medical and Paramedical) Education and Research in India - Role of libraries in health Science Education - Research and Extension recent growth and Development of Health Science Libraries in India - Information polices in Health and Family Welfare.	
Unit -II	Health Science Information Sources and Services: Specialized Collections and Information Sources (Print & Electronic) - Health Science Information Center – National and International Information Services and Products in Health Science - National and International Health Science Databases.	
Unit-III	Organizations Health Science Libraries and Information Centers: Information Management –Concept and Principles – Collection Management - Information Organization – Processing and Dissemination – Developing need based and on-demand specialized services.	
Unit-IV	Information Needs: Information Needs - concept definitions and purpose - Information Requirement of faculty - Researcher and Scientist-User Studies and survey of Local Health Science Libraries - User Studies and Survey of Regional Health Science Libraries.	
Unit-V	Management of Health Science Information System and Networks: Current Trends in Health Science Information Systems and Networks - Human Resource Development – Staffing, Training and Professional Skills – Resources Sharing and Networking in Health Science Libraries in India.	
Outcomes	<ul style="list-style-type: none"> ➤ Understand the growth and development of health science libraries ➤ Know the national and international health science databases ➤ Identify the resource sharing and networking in health science libraries in India 	

Recommended Books

1. Neelameghan, A., &Iyer, H. (2003). Information organization to assist knowledge discovery: case studies with non-bibliographic databases. *Cataloging& classification quarterly*, 37(1-2), 115-130.
2. Bakewell, K. G. B. (1969). Industrial libraries throughout the world.
3. Waterhouse, B. C. (2013). Mobilizing for the market: Organized business, wage-price controls, and the politics of inflation, 1971–1974. *The Journal of American History*, 100(2), 454-478.
4. Chandra, R., Jadhav, V. T., & Sharma, J. (2010). Global scenario of pomegranate (*Punicagranatum L.*) culture with special reference to India. *Fruit Veg. Cereal Sci. Biotechnol*, 4, 7-18.
5. Pedley, P. (2000). *Free business and industry information on the web*. Psychology Press.