



# 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

# AGRICULTURE INFORMATION SYSTEM

Course Code : LISVAC-02

Duration : 30 Hours

Session : Dec 2023 - Jan 2024

Course Coordinator : Dr. A. ALAGU



### LEARNING OUTCOMES :

- ❖ Students will develop knowledge about Agricultural Research and Education Management.
- ❖ Students will learn about web based Agricultural Information Systems and services under National Agricultural Research Centre.
- ❖ Students will know various Consortiums for E-Resources in Agriculture.

### COURSE CONTENT :

- ❖ Agricultural Education and Agricultural Libraries
- ❖ Agricultural Information Sources and Services
- ❖ Organization of Agricultural Libraries and Information Centers
- ❖ Information Needs of Agrarian Society
- ❖ Management of Agricultural Information Systems and Networks



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<b>Course code:</b> <b>LISVAC-02</b>	<b>AGRICULTURAL INFORMATION SYSTEM</b>	<b>Hours: 30</b>
<b>Objectives</b>	<ul style="list-style-type: none"> <li>➤ To make awareness about the grouping of Agricultural Libraries in India.</li> <li>➤ To acquire knowledge about Agricultural Research and education management.</li> <li>➤ To learn about web based agricultural information system and services under National Agricultural Research Centre.</li> </ul>	
<b>Unit -I</b>	<b>Agricultural Education and Agricultural Libraries:</b> Growth and Development of Agricultural Education and Research in India Role of Libraries in Agricultural Education - Research and Extension – Development of Agricultural Libraries in India- Information policies in Agricultural Science.	
<b>Unit -II</b>	<b>Agricultural Information Sources and Services:</b> Specialized collections and Information Sources (Print and Electronics), - Information Services and Products in Agricultural Science- Agricultural Information Center- National and International, national and International Agricultural Database.	
<b>Unit-III</b>	<b>Organization of Agricultural Libraries and Information Centers:</b> General Principles of Information Management – Collection Management - Information Organization – Processing and Dissemination- Developing needs based and on-demand specialized services.	
<b>Unit-IV</b>	<b>Information Needs:</b> Concept, Definition and Purpose-Information Requirement of Agricultural faculty - Information Requirement of Agricultural Research Workers, Farmers and Extension Workers – User studies and survey of regional Agricultural Libraries.	
<b>Unit-V</b>	<b>Management of Agricultural Information Systems and Networks:</b> Current Trends in Agricultural System and Networks - Human Resources Development Staffing, Training and professional Skills - Resources sharing and networking in Agricultural Libraries in India.	
<b>Outcomes</b>	<ul style="list-style-type: none"> <li>➤ To make knowledge about Agricultural Research and education management.</li> <li>➤ To learn about web based agricultural information system and services under National Agricultural Research Centre.</li> <li>➤ To know various Consortiums for E-Resources in Agriculture.</li> </ul>	

#### Recommended Books

1. Deshmukh, P.P. (1969) Indian Council of Agricultural Research (Delhi). Agricultural University Libraries on Committee, Find Report, New Delhi: ICAR.
2. Gupta, S.R. (1990) *Stock Verification in Libraries; Problems and Solutions*. Delhi: Ken Pub,
3. Lilley, G. P. (1981). *Information sources in agriculture and food science*. Butterworths
4. Ramtirth, Agris.(1982) Information System for Agriculture Science and Technology In perspective in Library and Information Science.
5. Rokde, S.M. (2009) *Agriculture Education and Libraries in India*. Masford Publication. New Delhi,2009.