

DEVELOPMENT OF AN ELECTRONIC INFORMATION SYSTEM ON FARM MECHANISATION

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ABSTRACT : Electronic information system that take advantage of new technological developments on the world wide web, is the key towards fulfilling the mission of the extension educator i.e. to help individuals, families and communities put research based knowledge to work in improving their livelihood. Web pages are one key to achieving these goals, which provide rapid and easy access to verifiable information database and the co-ordination of good information resources using an organisational format. A database has been created on Farm Mechanisation to provide complete information about Crop Production and Land development equipment, Irrigation and Drainage equipment, Poultry equipment, Dairying Machinery and Equipment, Fisheries Equipment including Trawlers, Crop Processing and Value Addition Equipment and Allied Machinery. The database was designed using Oracle 8i and a series of Web pages was developed which provides information on Farm Mechanisation by a click of the mouse on highlighted links. ASP, HTML, Java Script, and VB Script were used for filtering the database and designing the Web Site. Finally the accessibility of the web site will be provided using Geographical Information System Interface (GIS).

Key Words : Farm mechanisation, database, equipment, electronic information, software.