

About the Department

Department of Library and Information Science (LIS), Gujarat University is one of the oldest department of the Gujarat state imparting and supporting value based education in the area of the Library and Information Science. Department was established in the year of 1964 with a vision to promote excellence in the field of Library Science education and to fulfil the ever increasing demand of quality professionals in the area of Library and Information Science. The Department has earned its reputation by creating pioneering and innovative educational opportunities by delivering dynamic curriculum in the area of Library Science. To meet the needs of today's information society, curriculum is constantly adapted according to changing modern ICT based environmental developments at global level. We continue to modify our curriculum and preparing next generation workforce with theories, practical and research based approach. The department is well known for imparting quality education and also in nurturing students for holistic development. All our initiatives are a living proof of our commitment to every student's success in his career.

RE-ENVISIONING LIBRARY AND INFORMATION SERVICES IN THE AGILE AREA

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Editors

Geeta Girish Gadhvi
Atul Bhatt | Rajeshkumar M. Gamit
Yogesh Parekh | Rakesh Parmar



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Chapter

29

Overview of Using and Managing Research Data Management Tools

— *Vishnu Kumar Meena & Dr. Rajeshkumar M. Gamit*

Abstract :

Research data is the data that is generated by researchers during any research work or research project. Presently researchers are generating huge amounts of research data with the help of technology management, It is difficult to simply store these data in a way that allows for simple access, processing, and analysis. This data is a valuable resource that costs a lot of time and money to generate, so it is important to manage it so that researchers can re-use it in the future. RDM involves a set of activities throughout the entire research data life cycle, including the creation, description, storage, backup, processing, analyzing, preserving, sharing, and reusing of research data. this paper describes research data, types of research data, research data management, and their importance, tools, and challenges.

Keywords: Research Data, Research Data Management, RDM Tools

Introduction:

Research data is the data that is generated by researchers during any research work or research project. it plays an important role in any research and research project that is systematically gathered, examined, corrected, structured, and prepared for use in research projects. The research data is generated in various fields of study like Science, social sciences, arts, and humanities, but it varies among all of these disciplines. Without authentic data, any research in any field of study is incomplete. As a result, data sharing is encouraged by publishers and educational institutions, and occasionally some publishers have even made it compulsory.