LITERATURE SURVEY

S.NO	AUTHOR & YEAR	TITLE	DESCRIPTION	ADVANTAGE	DISADVANTAGE
1	Robert c.ward jim c.loftis graham b.mcbride published in 2005	Design of water quality monitoring systems	Design of water quality monitoring systems presents a state of the art approach to designing a water quality monitoring systems that gets consistently valid results	Society as it strives ever increasing standards of water	In water quality monitoring systems are not expert in alla areas for successful design,implemention,and opertions
2	H.MRaghunath published in 2021	Ground water	The book introduce to the readers all aspects of ground water i.e.., its assessment development, utilization and management. practical applications of different forumale for field conditions,data collections and processing test procedures and principles of design are worked out illustrate the theory and design procedure	Estimation of design flood is imperative for hydraulic designs of spillways and various other water resources development projects as well as very essential for flood risk assessment. The objective of the present study is to apply Geographical Information System (GIS) supported hydro informatics approach for estimation of design flash-flood in Bargi dam cross-section	Flood inundation extent is highly dependent on intensive rainfall and topography of floodplain. This paper presents a study to develop a flood inundation model for partially gauged upper Ganga catchment. For design flood computations, 100-year return period of 1 h duration rainfall is adopted.
3	cantor abigail F published in 2009	Water distribution system monitoring	A typical water distribution system is complex and chaotic with varying piping configurations, water flows, chemical reactions, and microbiological activity. It is therefore no	A typical water distribution system is complex and chaotic with varying piping configurations, water flows, chemical reactions, and microbiological activity. It is	the external corrosion of water distribution systems leads to two major problems for water utilities. The first problem is the failure of the pipes. The second is the

			surprise that monitoring water quality can be a daunting task, not to mention dealing with the devastating and costly effects of: Noncompliance with the Lead and Copper Rule Pinhole leaks in water service lines and private plumbing Vulnerability to microorganisms in the water distribution system Unwanted side effects from treatment chemicals Mistakes in treatment chemicals and dosage amounts These common water quality issues can be avoided by routinely monitoring key water quality parameters in the distribution system in a controlled and standardized manner.	therefore no surprise that monitoring water quality can be a daunting task, not to mention dealing with the devastating and costly effects	contamination of water as soil contaminants are transported into the distribution system.
4	DR.P.N modi published in 2018	Water supply engineering	This has prompted the author to bring out a book on this subject. Alike author's earlier two books namely "Hydraulics and Fluid Mechanics" and "Irrigation Water Resources and Water Power Engineering", this book entitled "Water Supply Engineering" is also a complete text book on the	1. In this system, water is not stagnant in the pipe at any instant, and hence freshwater is always available. 2. Lesser pipe sizes are needed.	1. Chance of water wastage and losses through the pipe. 2. More wastage of water due to lack of civic sense.

			subject. The various topics have been explained in simple language.	3. Fire Hazards can be met within the time.	
5	v.v.v.n.murtyand madhan.k jha published in 2013.	land and water management engineering	In this book are: land resource evaluation; water cycle; groundwater development and management; design and construction of wells; water lifting devices; on-farm water management including the design of surface and pressurized irrigation systems, design of surface and subsurface drainage systems, measurement of flow in open channels, computation of crop water requirements and irrigation scheduling, and the management of water logging and salinity; soil erosion and control measures' soil and water conservation techniques; watershed management; environmental issues in water resources development and management; and geographic information system	Land and water are basic resources in agriculture. For successful agriculture, proper utilization of these basic resources is essential. Land and Water Management Engineering broadly implies the application of engineering principles to the solution of land and water management problems.	• Open and shallow rainwater ponds and dams may dry out after the rainy seasons, as the water is lost via seepage (except for rock catchment and sand dams) and evaporation .