

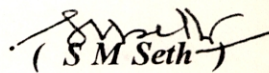
## P R E F A C E

*Hydrological data of the right quantity and right quality are an essential prerequisite for water resources development and management. Processing and analysis of hydrological data constitute an important component of hydrological analysis. The availability of high speed personal computers at very reasonable prices have provided very good capabilities to managers of hydrological information system for the proper storage, quality control and exchange of hydrological data for use in advanced hydrological design and operation practices.*

*It is against this background, the World Bank has funded the Hydrology Project in India and has entrusted with the responsibility of training the concerned Central and State organisations for use of computers for handling the large volume and variety of data that is expected to be generated by the improved network of automated and semi-automated observation sites for hydrological parameters. This would, naturally, require appropriate comprehensive and versatile computer software.*

*The Scientists of National Institute of Hydrology, which have a wide range of experience in the use of advance software have prepared the course material for the course: **SOFTWARE FOR SURFACE WATER DATA MANAGEMENT**, in a modular structure with relevant examples wherever necessary. In this course emphasis has been laid on the application of computer softwares for the management of surface water data which include streamflow data, hydrometeorological data and water quality data, etc. This material would not only be useful for the training course but would also be a good reference material for practicing hydrologists and engineers.*

*It is expected that the participants of this training course would not only make the best use of it but also would disseminate the subject matter among other interested colleagues in their respective organisations.*

  
( S M Seth )  
Director