

WORKSHOP ON  
**RESERVOIR OPERATION**

**COURSE MATERIAL**

ORGANISED BY

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## P R E F A C E

The National Institute of Hydrology is actively involved in studies and research in different aspects of hydrology including development of computer oriented approaches, field studies and technology transfer. The Institute started the organization of short duration workshops on various topics from 1985 onwards. These workshops are organized at NIH headquarters at Roorkee and in other parts of the country and have generated considerable interest among the Central and State Govt. organizations and the practicing engineers.

During the workshops, the attempt is to cover the theory through lectures and tutorials. The software developed at NIH related to the topic of the workshop is provided to the participants and they are made conversant with its use. If the workshop is being organized outstation, the software is also implemented on the computer available with the concerned organization.

Reservoir Operation is a very important aspect related to planning and management of water resources systems. After a reservoir project comes into being, much of the benefits reaped, to a large extent, depend on how well it is operated. The objective behind organization of this workshop is to make the participants conversant with the various techniques and tools which can be used for solving the problems associated with the operation of the reservoirs. It is expected that this course material would be useful for the participants of the workshop and will also be used by the practicing engineers so as to achieve a more efficient utilization of water resources of our country.