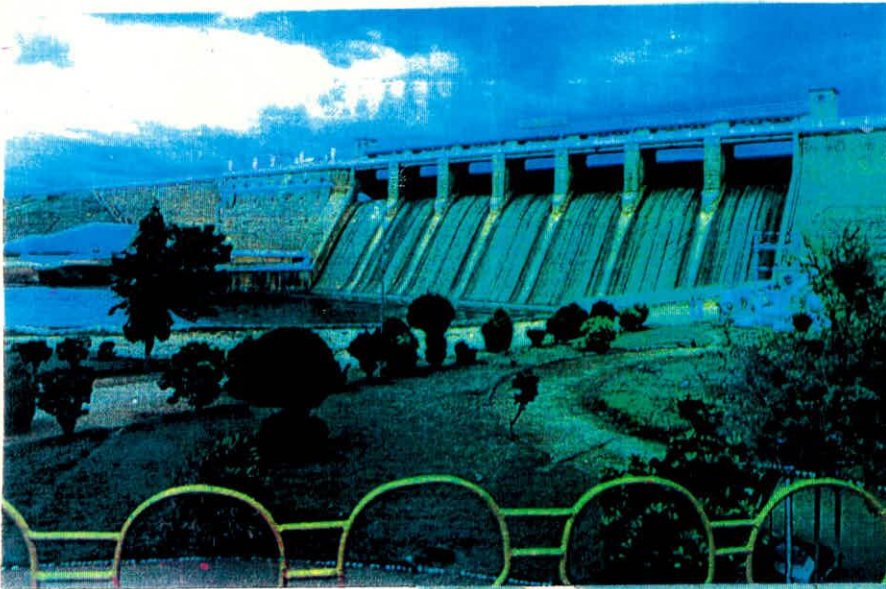


**SPECIALIZED COURSE**

ON

# COMPUTER APPLICATIONS IN HYDROLOGY

( UNDER WORLD BANK AIDED HYDROLOGY PROJECT )



Feb. 22 - Mar. 05, 1999

**LECTURE NOTES**  
**Vol. 2**



ORGANISED BY  
**NATIONAL INSTITUTE OF HYDROLOGY**  
ROORKEE - 247667, INDIA

**SPECIALIZES COURSE**  
**ON**  
**COMPUTER APPLICATIONS IN HYDROLOGY**

(UNDER WORLD BANK AIDED HYDROLOGY PROJECT)

FEB. 22-Mar. 05, 1999

LECTURE NOTES VOLUME – 2

**CONTENT**

Sl. No.	Title	Author	Page No.
1.	Module-10-Groundwater Modelling	Dr G. C. Mishra	1-14
2.	Module-11-Irrigation Return Flow	Dr Vivekanand Singh	1-6
3.	Module-12-GIS Application in Rainfall Runoff Modelling	Dr M. K. Jain	1-7
4.	Module-13-Estimation of Aquifer Parameters	Dr G. C. Mishra	1-15
5.	Module-14-MODFLOW for Ground Water Modelling.	Dr Sudhir Kumar	1-13
6.	Module-15-Ground Water Estimation.	Er. C. P. Kumar	1-18
7.	Module-16-Modelling of Soil Erosion.	Dr Sanjay Kumar Jain	1-11
8.	Module-17-Water Quality Data Interpretation	Dr C. K. Jain	1-19
9.	Module-18-Modelling of Coastal Aquifer	Dr Anupama Sharma	1-9
10.	Module-19-Water Related Information on Internet.	Mrs. Deepa Chalisgaonkar	1-3

ORGANISED BY

NATIONAL INSTITUTE OF HYDROLOGY, ROORKEE – 247667, INDIA