भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन नदी विकास एवं गंगा संरक्षण विभाग
केंद्रीय जल आयोग

सत्यमेव जयते

Government of India
Ministry of Jal Shakti
Department of Water Resources, RD & GR
Central Water Commission
HCD(N&W) Directorate

दिनांक: 30.01.2024

OFFICE MEMORANDUM

Sub: Hands On training on MIDAS GTSNXDams, Hydropower, Geotechnical and Bridge design problems using MIDAS software solutions

Hands on training on FEM based softwares of MIDAS IT such as GTS NX and Civil is being organized for the officers of CWC at Computer Lab, 3rd floor, Library Building, CWC as per schedule as below:

Date (Time: 10 AM-5.00PM)	Agenda/Topics
Thursday, Feb 1	Introduction to 3D FEM based modelling and analysis applications of Midas GTS-NX
Friday, Feb 2	Nonlinear static analysis of RCC gravity dams on rock foundation with shear zones
Thursday, Feb 8	Seismic time history analysis of RCC dams on soil/rock foundation
Friday, Feb 9	Seismic slope stability and seepage analysis of embankment (earthen) dams
Thursday, Feb 15	Thermal analysis and heat of hydration analysis of gravity dams
Friday, Feb 16	3D modelling and analysis of a barrage structure on pile and raft foundation
Thursday, Feb 22	3D modelling and analysis of powerhouse complex and its components
Friday, Feb 23	3D modelling and analysis of tunnels and underground caverns
Thursday, Feb 29	Analysis of RE walls and impact of stone column on layered soil in nearby structures
Friday, Mar 01	Analysis and design of RCC/Prestressed bridge with substructure using Midas Civil software

Interested officers may kindly make themselves convenient to attend the training.

भवदीय

30/01/2024.

उप निदेशक

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Copy for necessary action:

1. Director, Training, CWC with request to make necessary arrangements
2. Director, SMD, CWC for uploading
3. M/s MIDAS IT – To delegate faculty for the training

Copy for information:

1. Chief Engineer, Designs(N&W)/Designs(E&NE)/Designs(NW&S)
2. Director, D&R(C), CWC