

Four-day course on seismic design of dams

TIMES NEWS NETWORK

Kanpur: The National Information Centre for Earthquake Engineering (NICEE) at IIT-Kanpur began a four-day course on seismic design of concrete gravity dams at Outreach Auditorium in the institute on Tuesday.

Anil K Chopra of the University of California, Berkeley and Larry K Nuss, US Bureau of Reclamation, Denver, delivered lectures. The two explained about the course content with the help of slide shows.

The course is being attended by about 150 participants. A prelude to this course was set at the seminar which was held at India Habitat Centre, New Delhi, on February 27. The seminar focused on issues of seismic safety of concrete dams, with special reference to India and the United States.

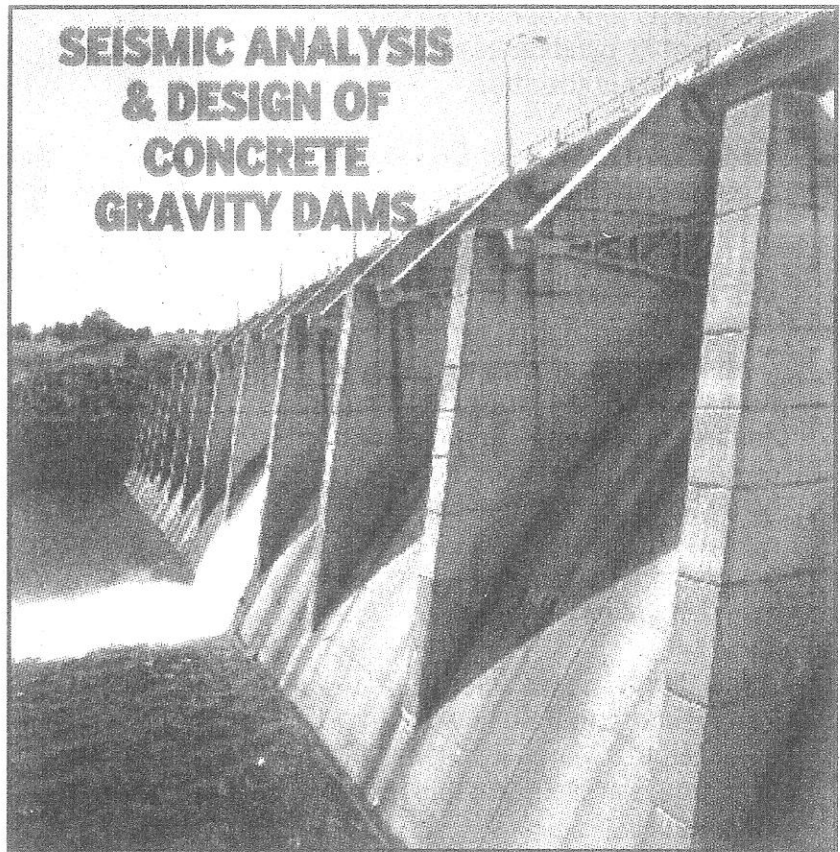
The aim of the course is give an overview of seismic analysis and design of concrete gravity dams. Omkar Dixit, head of department, civil engineering, inaugurated the course.

Professor AK Chopra said, "India is witnessing an upsurge in the hydel power projects and consequently in the construction of new concrete gravity dams. The seismic safety of such dams has been a serious concern since damage to the Koyna Dam in 1967 which has been regarded as a watershed event in the development of seismic analysis and design of concrete gravity dams

all over the world."

Professor Chopra said, "It is essential that professionals must implement the policies and procedures to ensure seismic safety of dams by adopting sound state-of-the-art practice in the related technical areas."

Prof Sudhir Jain of the civil engineering department said, "There are hundreds of concrete dams in our country but there is no seismic safety. Therefore, the technologically advanced methodology will prove useful not only



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in the construction of the new dams but also old dams can be strengthened through it."

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