

Online Advanced Course on Seismic Damage Mitigation of Structures (SDMS-2022)

**Duration: 07-09 December 2022
(10.00 am to 05.00 pm IST)**



Organised by
CSIR-Structural Engineering Research Centre
(An ISO 9001:2015 Certified Organisation)
CSIR Campus, Taramani,
Chennai – 600 113, India

CSIR-Structural Engineering Research Centre

CSIR-Structural Engineering Research Centre, Chennai, is one of the national laboratories under the Council of Scientific & Industrial Research (CSIR), India. CSIR-SERC has built-up excellent facilities and expertise for the analysis, design and testing of structures and structural components. Services of CSIR-SERC are being extensively used by the Central and State governments and public and private sector undertakings. Scientists of CSIR-SERC serve on many national and international committees and the Centre is recognized at the national and international levels as a leading research institution in the field of Structural engineering.

Background

CSIR-SERC is conducting skill development programme with the motive of creating skilled work force for the Industrial/societal requirements, as a part of the skill initiative programme of CSIR. Recent damaging earthquakes provide powerful reminders of how our built environment is vulnerable to the forces of nature. Consequently, one of the major challenges in structural engineering concerns the development of innovative concepts for better protection of structures, along with their occupants and contents, from the damaging effects of earthquakes. The advanced seismic testing facility established at the center is continuously engaged in various R&D cum sponsored projects. The online course is intended to bring together the knowledge, expertise and possibilities in the field of seismic damage mitigation of structures.

Objectives

The aim of this course is to provide an opportunity for consultants, practicing engineers belonging to the public and private sector institutions, and other engineering professionals to familiarize themselves with the recent developments in seismic damage mitigation of structures.

Course Contents

The course will cover various aspects like earthquake engineering-future perspectives, aseismic design of RC structures, seismic testing and evaluation, performance-based seismic design, seismic retrofit, semi-active control, and performance assessment of bridges.



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Course Promo**

Fees and Registration

As a prerequisite, the registrants to the course can ensure adequate knowledge on the back ground to the course contents through academic qualifications/working experience to fully exploit the benefits of attending the advanced course. Rs.1500/- per participant inclusive of GST for Indian delegates and US\$40 for foreign delegates. Participation certificate shall be provided to all the registered participants. The brochure can be downloaded from the CSIR-SERC website: <https://serc.res.in>. The course registration can be completed via online, (<http://forms.serc.res.in/view.php?id=89526>). Kindly select the present course in the form and fill all the particulars. The registration fee for the course can be paid by clicking the SBI collect in the registration form.

Requirements for the online mode

Desktop/Laptop/Smartphone with good internet speed and sufficient data pack. A web link will be sent to the registered participants for joining the course.

Coordinators

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