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AICTE-ISTE Sponsored Induction/Refresher Program on

“Repair, Rehabilitation and Retrofitting of RCC Structures”

20th to 27th, January 2022



Important Dates

Last date of Registration:	15/01/2022
Announcement of selected candidates:	16/01/2022
Confirmation by Participants:	18/01/2022
Schedule of the Program:	20/01/2022 to 27/01/2022 (Excluding Sunday and Public Holidays)

Organizing Committee

Hon. Shri. Annasaheb Dange
Chairman, SDSS, Islampur.

Hon. Adv. Rajendra alias Chimanbhai R. Dange
Secretary, SDSS, Islampur.

Prof. R. A. Kanai
Executive Director, SDSS, Islampur.

Advisory Committee

Dr. Vikram. S. Patil, Director.

Prof. S. B. Hivarekar, Dean, Administration

Dr. S. V. Taralkar, Dean Academics.

Prof. S. S. Mohite, Head, Civil Engg. Dept.

Coordinator

Dr. Amit Prakash Patil

Department of Civil Engineering

Phone: 9420697681

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Core Team Members

- | | |
|-------------------------|------------------------|
| ■ Dr. M. B. Nadaf | ■ Dr. P. G. Chandak |
| ■ Dr. P. B. Bhagawati | ■ Prof. R. A. Patil |
| ■ Prof. R. V. Jadhav | ■ Prof. V. M. Patil |
| ■ Prof. A. G. Mujawar | ■ Prof. P. A. Mali |
| ■ Prof. K. K. Shinde | ■ Prof. P. A. Pisal |
| ■ Prof. M. H. Mota | ■ Prof. A. D. Patil |
| ■ Prof. B.V. Mane | ■ Prof. P. S. Kadam |
| ■ Prof. S.V. Digole | ■ Prof. R. A. Chougale |
| ■ Prof. R. R. Kurlapkar | |



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ORGANIZED BY

Department of Civil Engineering

**ANNA SAHEB DANGE COLLEGE OF
ENGINEERING AND TECHNOLOGY, ASHTA**

An Autonomous Institute

• 'A' GRADE ACCREDITED BY NAAC • NBA ACCREDITED COURSES • ISO 9001:2015 CERTIFIED INSTITUTE •

Tal- Walwa, Dist- Sangli, Maharashtra- 416 301



About the Institute

Annasaheb Dange College of Engineering & Technology, Ashta is established in the year 1999 under the aegis of "Sant Dnyaneshwar Shikshan Sanstha" which was founded by the great visionary and Ex-Minister for Rural Development, Maharashtra State Hon. Shri. Annasaheb Dange. It is built with lush green campus on 30 acres of land. At present it has 10 UG courses and is one of the prominent engineering institutes of Maharashtra with nearly 3000 students. ADCET is accredited by NAAC with 'A' in its first cycle and is also ISO 9001:2015 certified. All eligible programs including Civil Engineering Department are accredited by NBA expert committee in April 2017 for first cycle and in June 2019 for second cycle.

About the Department

The Program in Civil Engineering has been introduced from the academic year 2010 with sanctioned intake of 60, and since then it is growing by leaps and bounds. To stimulate research activities, the post graduate course in Structural Engineering was started in the academic year 2016-2017 with sanctioned intake of 18. The department is known for its high academic

standards and well-maintained discipline. The department has 13 well equipped laboratories with complete infrastructure facilities. The department is taking efforts to live up to the expectations of every stakeholder.

Theme & Scope

Many reinforced concrete (RCC) structures are deteriorating; often prematurely. The main contributing factors are change in their use, corrosion in the steel caused by exposure to an aggressive environment, and events such as earthquakes and fire accidents. Such structures need remedial measures to reinstate their safety and/or serviceability. Consequently, the need for repair and protection of structures has grown considerably in recent years.

Repair and rehabilitation industry is experiencing lot of changes due to advancement in the field of material science. Hence, there is a necessity to upgrade the basic knowledge of construction technocrats with up-to-date construction practices, information, recent developments, and latest research related to the field. This refresher program aims at enhancing the skill sets of all aspirants in the field of Construction and bridging the gap between theory and practice.

Who Can Attend?

Faculty, Research scholars and practicing Engineers looking to expand their knowledge in Structural engineering.

List Of Major Topics:

- Condition Evaluation and Testing
- General Repair and Strengthening of Concrete Structures
- Retrofitting by FRP Composites
- Retrofitting of substructures and Foundation
- Retrofitting of Masonry Structures
- Retrofitting of structures damaged due to seismic event
- Retrofitting of Steel Structures

Expected Outcome:

- Increased level of expertise in repair and Rehabilitation of RCC Structure.
- Apply innovative ideas to solve issues in repair and rehabilitation of structures.
- Increased level of proficiency in on-field application of various materials, methodologies and strategies of repair and rehabilitation.

Guidelines

- No Registration Fee.
- The certificates shall be issued to only those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test.

Resource Persons

People from renowned industries and premier institutes like IIT's and NIT's