

DR. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY & MANAGEMENT

DEPARTMENT OF CIVIL ENGINEERING

Guest Lecture on “Repair, Rehabilitation and Retrofitting of Concrete Structures”

Dated: 25th September, 2021

Department: Department of Civil Engineering

Objectives: To brief students on the concept of Repair, Rehabilitation & Retrofitting of Concrete Structures.

Speaker: Dr. J. Bhattacharjee, Associate Partner, Cordatus Law Chambers LLP, PHD Shri Venkateshwara University, M.Tech (Structural Engineering) IIT Madras.

Activities Undertaken: The Department of Civil Engineering, ADGITM, conducted a webinar on the topic “Repair, Rehabilitation & Retrofitting of Concrete Structures”. The guest speaker, Dr. J. Bhattacharjee, with an experience of over 50 years in Civil Engineering shared his insight on the topic. The session witnessed participation of faculty members and final year students from the Department. A total of 100 participants attended the session. The session was concluded with an interaction between participants and the guest speaker.

Resource Persons: Prof. (Dr.) Sanjay Kumar, Ms. Shikha Sachan (DI), Ms. Aarushi Gupta (Event Coordinator), Mr. Ankit Yaduvanshi (Event Coordinator).

Outcome: The session opened with basic terminology related to Repair, Rehabilitation & Retrofitting followed by Scope of rehabilitation of Concrete Structures. Various topics such as retrofit strategies, condition assessment of concrete structures, repair techniques, material advancement were highlighted. Dr. Bhattacharjee, with several years of experience in teaching and consultancy shared his knowledge and experience in structural engineering and encouraged young engineers to pursue further research in this field.

Beneficiaries: Faculty members and students from Civil Engineering Department.



Dr. Akhilesh Das Gupta Institute of Technology & Management
New Delhi
(formerly Northern India Engineering College)
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FC - 26, Shastri Park, New Delhi 110053

Department of Civil Engineering
Organizes a
Guest Lecture
on
REPAIR, REHABILITATION & RETROFITTING OF CONCRETE STRUCTURES
By
Dr. J. Bhattacharjee
Associate Partner,
Cordatus Law Chambers LLP
PHD Shri Venkateshwara University,
M.Tech (Structural Engineering) IIT Madras

11:30 AM Onwards, 25th September, 2021

Venue: Google Meet  Scan code & Join us!

Poster of Guest Lecture on “Repair, Rehabilitation & Retrofitting of Concrete Structures”

Shikha Sachan is presenting

REPAIR, REHABILITATION & RETROFITTING OF CONCRETE STRUCTURES ALONG WITH CASE STUDIES

BY

Dr.J BHATTACHARJEE,
Former Prof., Civil Engineering,
Amity University, Noida; Former Jt.
Director C

Presently involved in Various Types of Consultancy

11:45 fhc-mvmv-enj

O62Sukant Malik is presenting

12:39 | fhc-mvmv-enj

O62Sukant Malik is presenting

CONCLUSION

- THERE IS AN URGENT REQUIREMENT OF PERIODICAL/TIMELY ASSESSMENT & MAINTENANCE OF THE STRUCTURES & CARRY OUT REPAIR, REHABILITATION & RETROFITTING OF STRUCTURES WITH LATEST AVAILABLE MATERIALS/TECHNIQUES.
- THERE IS AN URGENT REQUIREMENT OF STRUCTURAL AUDITING OF ALL THE EXISTING IMPORTANT STRUCTURES & CARRY OUT THEIR RETROFITTING, TO AVOID MAJOR DISASTER.
- FOR LONG TERM SUSTAINABLE DEVELOPMENT, USE OF LATEST MATERIALS/TECHNIQUES FOR ORIGINAL CONSTRUCTION & REPAIR, REHABILITATION & RETROFITTING IS A MUST.
- THERE IS A REQUIREMENT OF CREATING A DATA BANK OF THE REHABILITATED/RETROFITTED STRUCTURES TO MONITOR EFFICACY & FOR FURTHER IMPROVEMENT

60

12:40 | fhc-mvmv-enj

Faculty Members and Students, Department of Civil Engineering, ADGITM during the session

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