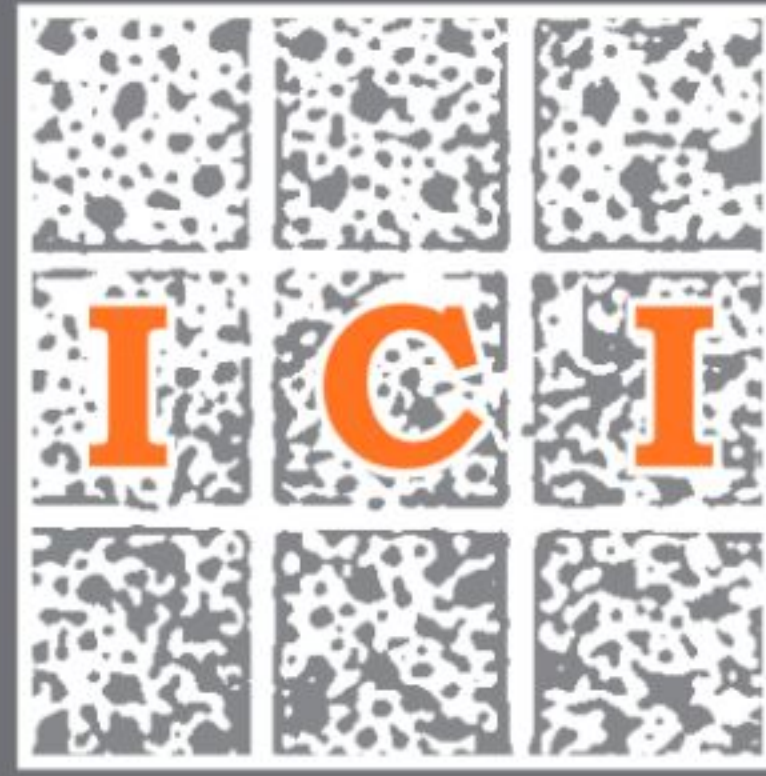
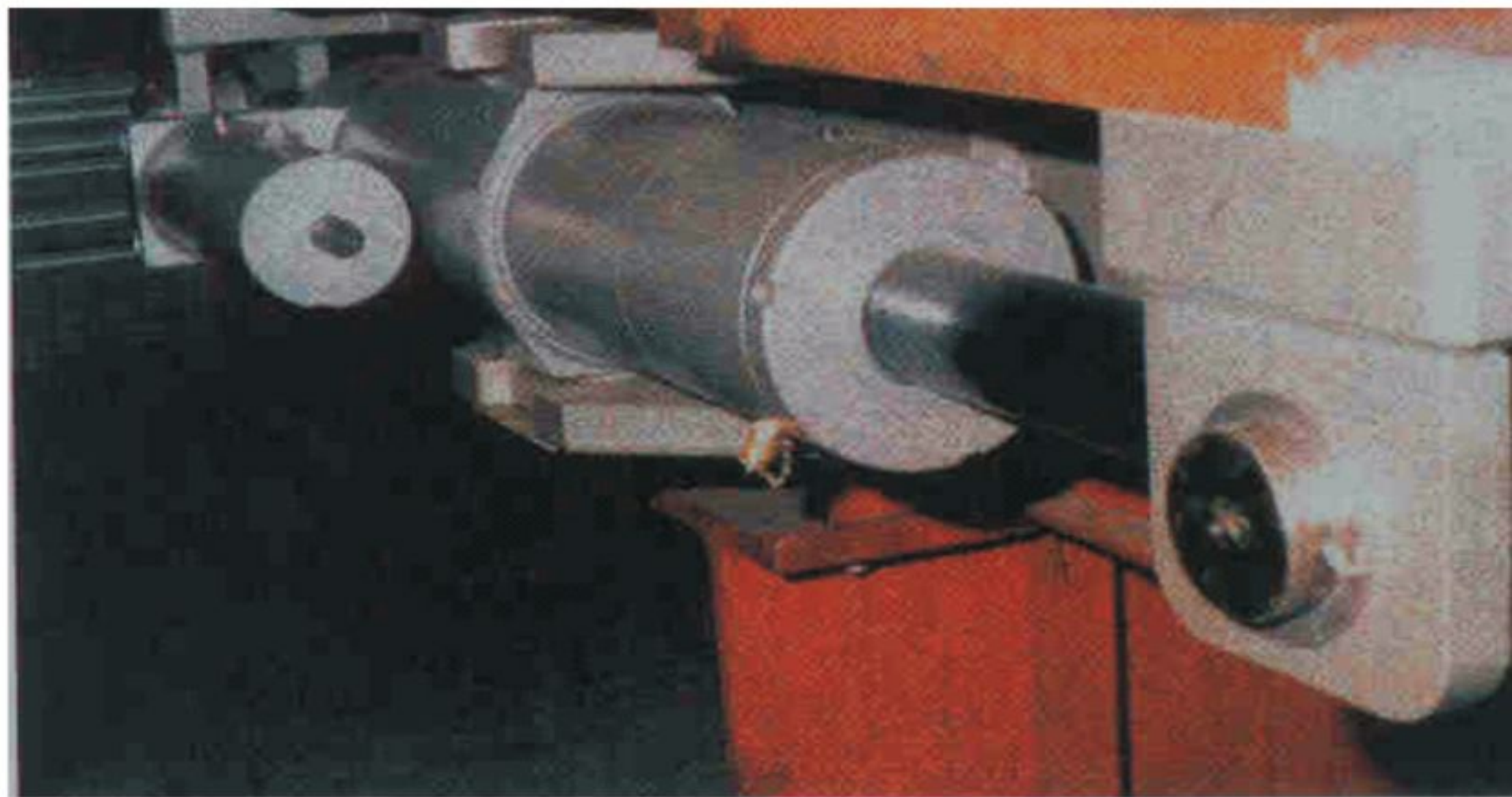




INDIAN CONCRETE INSTITUTE TECHNOLOGY CENTRE



**Two days Workshop on
REPAIR, RETROFITTING &
REHABILITATION OF STRUCTURES**
(Buildings, Bridges & other Structures)
on 19th and 20th November 2021,
at ICI Technology Centre, Chennai.

What is unique about the programme ?

- * Industry Experts share their experience.
- * Programme encompasses all facets of Repair and Rehabilitation.
- * Focussed approach within a small group for close interaction between Experts and participants.
- * Latest information on materials and processes shared.
- * Live Demo of NDT instruments by a leading Lab

Who should attend ?

- * Practitioners from R&R industry
- * Government officials
- * Consultants
- * Structural Designers
- * Applicators
- * PG Students.



Panel of Practising Experts :



Er. Vinay Gupta is a Civil Engineer from BITS, Pilani (1983) and Director & CEO, M/s. Tandon Consultants Pvt Ltd, specialises in bridges, flyovers, underground & elevated metro structures, 275m tall chimneys, etc. Active member of various Code Committees of BIS and IRC. Er Gupta is the all India President of IIBE and ICI, both. He is also Vice President, ACF (Asian Concrete Federation) and Vice President, IAStructE (Indian Association of Structural Engineers).



Dr. Suriya Prakash is currently a Professor and Head of the Department of Civil Engineering at IIT Hyderabad. He is a recipient of prestigious Ramanujan Fellowship from the Government of India. Before joining IIT Hyderabad, he worked as a Design Engineer at Structural Group Inc., Baltimore, USA. He received his Ph.D from Missouri University of Science and Technology, USA. His research interests include use of advanced composite materials for civil infrastructure, precast systems for affordable housing, and repair and rehabilitation of structures. He has fifteen years of research and teaching experience, guided 5 Ph.Ds., published more than 75 research papers in internationally reputed journals.



Dr. Mangesh V. Joshi did his Doctorate in civil Engineering from IIT Bombay and he is the Founder CEO of SANRACHANA, a company specialising in the area of Structural Rehabilitation and Retrofitting with all India Operations. He is the Member of Board of Governors of IIT Patna and other leading educational institutions like VJTI Mumbai, NITTR, Bhopal etc., He was part of the team for carrying out structural rehabilitation of the earthquake damaged structures in 2001 Bhuj Earthquake in Gujarat. He has published several papers in national and international Journals.



Dr. Gopal Rai graduated from IIT Bombay with a Ph.D. in Structural Engineering. He has published over 50 high-quality research papers and has participated in more than 400 national and international conferences.

Dr Gopal Rai started his entrepreneurial journey in 2010 when he incorporated a specialized Engineering and consulting venture - Dhirendra Group of Companies (DGC) that provides a turn-key solution to the industry for structural auditing, retrofitting and monitoring. He has won multiple prestigious awards such as the Manufacturing Innovative Leaders at World Innovation Congress, Leading Structural Rehabilitation company by ICONS (Singapore), Vishwakarma Award by CIDC, International Quality Crown Award and Best Enterprise Award in London and Government of India Process Innovator award.



Er. P.Y. Manjure is specialized in the field of prestressing and Rehabilitation of structures. He has been trained in these fields in France and Netherlands. With 58 years of experience in bridge engineering, he has completed rehabilitation of about 400 structures. He has received several awards for outstanding projects from IRC, ICI, IIBE, IABSE, etc. He is at present Director in Freyssinet Prestressed Concrete Co. Ltd.



Er. J.B. Ravishankar is the founder President of GRIPSINDIA. Prior to GRIPSINDIA, Ravishankar initiated CCL System of Prestressing in Indian Railway's first segmental bridge at Aroor Kumbalam Bridge and other national important projects like Kaiga Nuclear Plant, Panvel Viaduct Bridge & Konkan Rail Bridges. He was instrumental in introducing BARGRIP technology for joining Reinforcement bars in India. Technologies being his forte, he founded the GRIPSINDIA in 1993 with services of Post Tensioning to Konkan Railway Corporation and many bridges and flyovers. He did the first extra-dosed bridge at Kharghar Flyover, Mumbai and initiated India's first Laboratory for Fatigue Testing at IIT, Madras.

He set up India's first mechanised precast plant at Chennai in the year 2004 leading a precast revolution in the Country. He developed a unique type of Pile Testing for infrastructure projects, and this technology is available today on franchise basis.

WORKSHOP ON

REPAIR, RETROFITTING & REHABILITATION OF STRUCTURES

(Buildings, Bridges & other Structures)

19-11-2021 (Friday)

- A. 10:00 – 10:30 Overview: **Er Vinay Gupta**
- B. 10:30 – 11:00 Tea break
- C. 11:00 – 12:00 Audit of Deficiencies & Causes of Failures & NDT: **Prof Surya Prakash**
- D. 12:00 – 13:00 Failures During Construction: **Er Vinay Gupta**
- E. 13:00 – 13:30 Discussions
- F. 13:30 – 14:00 Lunch Break
- G. 14:00 – 15:00 Injection Grouting, Bonded Overlay, Jacketing, etc: **Dr Mangesh V. Joshi**
- H. 15:00 – 16:00 Retrofitting using FRP (Non-prestressed & Prestressed): **Dr Gopal Rai**
- I. 16:00 – 16:30 Tea Break
- J. 16:30 – 17:00 Discussions

20-11-2021 (Saturday)

- K. 10:00 – 11:00 Retrofitting using STUs, Dampers, Isolators, etc (for Seismic & other effects): **Er Vinay Gupta**
- L. 11:00 – 11:30 Tea break
- M. 11:30 – 12:30 Rehabilitation of Bridges & other Structures using Prestressing including Bearings: **Er P Y Manjure**
- N. 12:30 – 13:00 Discussions
- O. 13:00 – 13:30 Lunch Break
- P. 13:30 – 14:30 Retrofitting of Substructures & Foundations: **Er J B Ravishankar**
- Q. 14:30 – 16:30 Demonstration of NDT Equipments by "PISHON CONCRETE TEST", Chennai 600 021.



Course fee details

(Including GST)

Category	Course fee	Temporary Membership fee	Total Payable
ICI members	₹ 4000.00	-----	₹ 4000.00
Non-members of ICI	₹ 4500.00	₹ 1000.00	₹ 5500.00
ICI student members	₹ 2500.00	-----	₹ 2500.00
Students	₹ 2500.00	₹ 500.00	₹ 3000.00

Please click the link below to register

<https://www.indianconcreteinstitute.org/workshop-registration-form/>

Number of Participants is Limited to 50 on first come first served basis.

For registration please contact :

Indian Concrete Institute

Email : indconhq@gmail.com

Phone : 044-24792602, 24795148, 42115996.

Mobile : 9894028542

Programme Venue :

Indian Concrete Institute - Technology Centre

201, First Floor, Ten Square,
No. 64, Jawaharlal Nehru Road,
Koyambedu, Chennai 600 107.
(Close to CMBT Metro Station)

Particulars for course fee remittance :

Indian Concrete Institute

A/C No. 000101208599

ICICI Bank, Chennai Branch

NEFT / IFSC Code : ICIC0000001

Er. R.Radhakrishnan
Secretary General