



# N.B.K.R. INSTITUTE OF SCIENCE & TECHNOLOGY :: VIDYANAGAR

(AUTONOMOUS)

COLLEGE WITH POTENTIAL FOR EXCELLENCE (CPE)

Affiliated to JNTUA, Ananthapuramu, Accredited by NAAC with 'A' Grade, An ISO 9001-2015 Certified Institution

B.Tech. (ECE, EEE, CSE, CE, ME) Courses are Re-accredited by NBA under TIER - I

VIDYANAGAR, SPSR NELLORE DISTRICT- 524413. A.P., INDIA.

## Invitation

### CHIEF PATRON

Sri Nedurumalli Ram Kumar, Correspondent.

### PATRON

Dr. V. Vijaya Kumar Reddy, Director.

### CONVENER

Dr. D. Srinivas, Professor & Head.

### COORDINATOR

Dr. P. V. Subba Reddy, Professor.

### CO-COORDINATORS

Dr. V. Sreelatha, Associate Professor.

Dr. V. Venkata Rambabu, Assistant Professor.

Sri. N. Harish, Assistant Professor.

### ORGANIZING COMMITTEE- Dept. of Civil Engg.

Sri V. Balaji, Assoc. Professor

Dr. U. Chandra Bhaskara Reddy, Asst. Professor

Sri P. Ranga Ramesh, Asst. Professor

Sri N. Venkateswarlu, Asst. Professor

Sri M. Arun Kumar, Asst. Professor

Sri K. Sundeep Kumar, Asst. Professor

Sri N. Sarathchandra, Asst. Professor

Sri T. Chandra Sekhar, Asst. Professor

Sri V. Mohan Krishna, Asst. Professor

Sri P. Dileep Kumar, Asst. Professor

Smt. S. Teja Reddy, Asst. Professor

Sri D. Uday Kumar, Asst. Professor

Sri O. Sriramulu, Asst. Professor

Sri B. Umadas, Asst. Professor

Smt. Y. Adi Lakshmi, Asst. Professor

Ms. K. Devakka, Asst. Professor

Smt. V. Gayani Priya, Asst. Professor

Vidyanagar

04.12.2020

Dear Sir/Madam,

**Sub:** Invitation for participation in AICTE Sponsored One Week STTP – Reg.

We are pleased to inform you that the Department of Civil Engineering of N.B.K.R. Institute of Science & Technology, Vidyanagar is organizing a one week Short Term Training Program on “**Modern Techniques In Repair and Rehabilitation of Structures (STTP- MTRRS 2020)**” during 14<sup>th</sup> to 19<sup>th</sup> December, 2020.

The objective of this program is to provide an opportunity for academicians, researchers and professionals to have a thorough understanding of the latest developments and modern techniques in the field of repair and rehabilitation to improve the performance of existing structures which are prone to natural and accidental damages. It will provide a common platform for academicians, researchers and professionals to share their knowledge and ideas. It will help the participants to enhance their skills in advancements and applications of repair and rehabilitation techniques leading towards the development in their academic growth and also recognizing the areas which require future research.

Eminent Personalities from premiere institutes like IITs, NITs, Universities and industries are invited to deliver the lectures. The brochure of the programme is attached. Kindly, circulate it among the academicians, researchers and professionals of your esteemed institution/organization.

**The last date for registration is 10.12.2020.**

Thanking you,

Yours truly,

(Dr. V. Vijaya Kumar Reddy)

## ABOUT THE PROGRAMME

Natural disasters such as hurricanes, tornadoes, tsunamis, earthquakes and accidental impacts will damage and destroy structures within a short duration. The performance of a structure is defined by its structural stability, life safety and operation. Structural elements often have to face modification and improvement of their performance during their service life. Substandard detailing of steel reinforcement, deterioration of concrete and steel under severe environmental attacks such as earthquakes, fire accidents and marine exposure may render the structural members unserviceable for their design life. In such cases replacement of full structure will be expensive due to material and manpower, inconvenience to public and also impact on culture in the case of heritage structures. The other solution for this problem is to retrofit these damaged and deteriorated structural members to meet the exposure conditions. Repair and rehabilitation of RC structures can be generally carried out by conventional techniques such as concrete and steel jacketing. Now-a-days some advanced retrofitting methods such as external prestressing and Fiber Reinforced Polymer (FRP) composite wrapping etc. have become popular due to their excellent properties such as corrosion resistance, durability, ease of application in a short period and adding less dead weight to the structure without affecting the aesthetic appearance of structural members. Every civil engineer must have the knowledge of not only the designing of new structures but also re-strengthening of old structures/traditional buildings. Hence the present training programme on "Modern Techniques in Repair and Rehabilitation of Structures" will address the present day's need.

## PROGRAMME OBJECTIVE

The main objective of this programme is to enhance the knowledge about the latest developments and modern techniques in the field of repair and rehabilitation to improve the performance of existing structures which are prone to natural and accidental damages. It will provide a common platform for professionals, academicians and researchers to share their knowledge and ideas. It will help the participants to enhance their skills in advancements and applications of repair and rehabilitation techniques leading towards the development in their academic growth and also recognizing the areas which require future research.

## RESOURCE PERSONS

1. Dr. A. Murali Krishna, Professor & Dean, IIT Tirupati.
2. Dr. T. D. Gunneswara Rao, Professor, NIT Warangal.
3. Mr. Zaheer Abbas, Head, Marketing Construction System, MBS India Pvt. Ltd. Mumbai.
4. Dr. N. Venkataramana, Assoc. Professor, VTU PG Centre, Karnataka.
5. Dr. P. Ramamohan Rao, Assoc. Professor, VIT, Vellore.
6. Dr. B. Madhusudhana Reddy, Asst. Professor, SVUCE, Tirupati.
7. Dr. P. V. Subba Reddy, Professor, NBKRIST, Vidyanagar.
8. Dr. V. Sreelatha, Assoc. Professor, NBKRIST, Vidyanagar.

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Dr. V. Venkata Rambabu Asst. Professor  
Sri. N. Harish Asst. Professor  
Department of Civil Engineering

## ADDRESS FOR COMMUNICATION

**Dr. P. V. SUBBA REDDY**

Professor

Department of Civil Engineering

**N.B.K.R. INSTITUTE OF SCIENCE & TECHNOLOGY**

Vidyanagar, SPSR Nellore District  
Andhra Pradesh - 524413  
India

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Ph: +91-9440126292



**AICTE SPONSORED**

**One Week**

**SHORT TERM  
TRAINING PROGRAMME**

**on**

**MODERN TECHNIQUES IN REPAIR  
AND  
REHABILITATION OF STRUCTURES**

**14 to 19 Dec'2020**



**Organized by**

**Department of Civil Engineering**

**N.B.K.R. INSTITUTE OF SCIENCE & TECHNOLOGY  
(AUTONOMOUS)**

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VIDYANAGAR, SPSR NELLORE DISTRICT- 524413. A.P. INDIA.

## ABOUT THE INSTITUTE

NBKR Institute of Science & Technology established in 1979 is an Autonomous Institute affiliated to JNTUA, Ananthapuramu. The Institute is re-accredited by NAAC (UGC) for the second cycle with "A" grade. B.Tech courses are re-accredited by National Board of Accreditation (NBA) under Tier-1. UGC awarded the status of "College with Potential for Excellence (CPE)" to the Institute. The Institute offers 6 UG, & 4 PG engineering courses and has an R&D Cell and recognised research centres of JNTUA, Ananthapuramu offering Ph.D programmes.

The Institute is spread across a lush green campus that houses academic blocks, boys and ladies hostels, open air auditorium, sports complex, staff quarters etc. The Institute focuses on skill and professional development of the graduates through student run clubs, technical associations. The students and faculty actively engage in professional chapters like IEEE, ISTE, IETE, CSI. Industry Institute Partnership Cell (IIP Cell) caters the needs of the Institute and Industry by way of internships, consultancy.

## ABOUT THE DEPARTMENT

The Department of Civil Engineering established in the year 1979, is one of the oldest departments in the Institute offering B.Tech. degree.

The department has been accredited continuously by the NBA since 2003. The department has been producing some of the best civil engineers for more than 4 decades. The department has been offering the finest and unparalleled quality of civil engineering education through practical education coupled with strong concept oriented teaching-learning process ever since its inception. The students graduating from the department every year are occupying some of the top positions in the government and private sectors both within and outside the country, and are also heading their own enterprises. The excellent infrastructure is further an added advantage.

## AICTE Sponsored One Week Short Term Training Programme on MODERN TECHNIQUES IN REPAIR AND REHABILITATION OF STRUCTURES

14<sup>th</sup> - 19<sup>th</sup> DECEMBER 2020

Organized by  
Department of Civil Engineering  
NBKR Institute of Science & Technology, Vidyanagar,  
SPSR Nellore District - 524 413.

### REGISTRATION FORM

Name Dr./Mr./Mrs. : .....  
(In Block Letters)

Designation: .....

Department : .....

Name of the : .....  
Institution

Address : .....  
.....  
.....

Mobile : .....

E-mail ID : .....

Is the Institution approved by AICTE? (Y/N)

Accommodation required? (Y/N)

### Declaration by Applicant

The given information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I shall attend the STTP for the entire duration.

Place:

Date:

Signature of the Applicant

## CERTIFICATE

This is to certify that \_\_\_\_\_ is a regular employee of our institution and is hereby permitted to attend AICTE sponsored one week STTP on "MODERN TECHNIQUES IN REPAIR AND REHABILITATION OF STRUCTURES" at N.B.K.R. Institute of Science & Technology from 14.12.2020 to 19.12.2020. He/She will be permitted to attend the programme for the entire duration if selected.

Place:

Date:

Signature of the Principal with Seal

## ELIGIBILITY

This course is open to Faculty members and Research scholars of AICTE approved Engineering colleges and Polytechnic colleges.

## REGISTRATION DETAILS

The registration is free for faculty members from AICTE approved institutions. The number of participants is limited to 40 and the selection is based on first come – first served basis.

*No Registration fee*

## ACCOMMODATION DETAILS

Accommodation will be provided to the outstation participants subject to the availability.

## IMPORTANT DATES

LAST DATE FOR REGISTRATION : 10.12.2020

INTIMATION OF ACCEPTANCE : 11.12.2020