



# KKR&KSR Institute of Technology and Sciences Vinjanampadu, Guntur, Andhra Pradesh-522017

Approved by AICTE, New Delhi and Permanent Affiliation from JNTUK, Kakinada

Accredited with "A" Grade by NAAC & NBA Accreditation Status for 4 UG (CSE, ECE, EEE, ME) Programs

# **DEPARTMENT OF CIVIL ENGINEERING**

# FACULTY DEVELOPMENT PROGRAME 2K20 REPORT

**EVENT:** Faculty Development Program

**DATE**: 15<sup>th</sup>-19<sup>th</sup> July, 2020,

**TIME**: 11.00 AM to 1:00 PM, IST.

VENUE: Go to webinar (ONLINE)

TITLE: "Novel Research Developments in Civil Engineering"

**ORGANISED BY:** Civil Engineering Department.

# **CONVENOR:**

Dr. M. Ravindra Krishna, Professor & HOD

# **Co convenors**

K.V. R Karthikeyan

К. Каvya

# Treasurer

A.Suri Babu, Assistant Professor

# **DETAILS OF RESOURCE PERSONS:**

# Day-1 on 15/07/2020

Dr. M.V. Seshagiri Rao, Rtd Professor JNTUH, Present Professor & Director of CVR College, Hyderabad.

# Day-2 on 16/07/2020

Dr. Roman Babu , Assistant Professor, IIT Tirupathi

# Day-3 on 17/07/2020

Dr. Roshan Srivastav, Assistant Professor, IIT Tirupati

# Day-4 on 18/07/2020

Dr. Jagadish Vengala , FIE, FACCE(I) Head, Associate Professor, PVPSIT

# Day-5 on 19/07/2020

Dr. D. Ramaseshu , Professor, NIT Warangal.

#### **Event Poster:**

#### out Institution:

KKR & KSR Institute of Technology & Sck as KITS was established in the year 2008, by ( ducational Society in Vinjanampadu v tur district. KITS ha ru Mandal of G on to chum out pr e bit to the practic es in ure to de nts of K inse the act KITS in all sp n at the university level. It's proud me tice, and students who have top re and is mak ig conci urces of the res ge is te ourages students /Itles like Blood Do ts to involve in on, De ng. As on the es, and po eniovs NAAC accreditation of "A" Grade ergos revel acceditation for 3 years since 2018 and affiliation of JNTUK Kakinada. The institution d funding amount worth of Rs1.65cr from using organizations; there is 170 qualified taff which is more than the stipulated ru

About Department: The department of Civil Engineering, established me in Civil 2009, offers B.Tech program eering The department has well experienced ommitted teaching staff.Department is the foremost in Imparting Civil Engineering education in KITS. The department has well established and e-of- the-art laboratories to cater to the needs of the students

#### About the Faculty Development Program:

The Faculty Development Progra facus on Recent developments in ious specializations of Civil Engineering. The program is intended to impart the knowledge about the ixtures, Seismic evaluation and Retrafitting of structures, Advances in Hydrological studies, Challenges in construction of structures in seismic zones, NDT tests in civil engineering



ON FIE : 100 INR CATES WILL BE PRO O SURMIT ONUN

**REGISTER THROUGH THIS LINK:** www.kitscivilfdp\webinar.com

#### DAY-1 on 15-07-2020

Dr.M.V.SESHAGIRI RAO JNTUH, Former Professor & HOD of Civil Dept, Vice-Principal, Director, BICS & Chief Engineer, Present Professor, Dean Planning & Co-or CVR College of Engineering, Hyderabad, Telangana State

#### DAY-2 on 16-07-2020

# **Dr. ROMAN BABU OINAM** Assistant Professor artment of Civil and Environmental Engineerin IIT TIRUPATI, TIRUPATI, Andhra Pradesh

DAY-3 on 17-07-2020

**Dr. ROSHAN SRIVASTAV** Assistant Professor Dept of Civil and Environmental Engineering IIT TIRUPATI, Tirupati, Andhra Pradesh Supported by HydroSystems Research Lab

Ms. Poonam B. Wagh Mr. Sriram J. Babu

#### DAY-4 on 18-07-2020

Dr. JAGADISH VENGALA, FIE, FACCE(I) Head, EDC Innovation & Incubation Centre, Associate Professor Department of Civil Engineering, PVP Siddhartha Institute of Technology, Vijayawda,AndhraPradesh

#### DAY-5 on 19-07-2020

Dr.D.RAMASESHU Professor of Civil Engineering, NIT Warangal, Warangal, Telangana State

#### **Event Description:**

#### DAY-1 15/07/2020

#### SPEAKER : Dr. M V Sesha Giri Rao

Topic on: Research developments in concrete technologies

Explain about role of sustainable development principle of Sustainable construction unsustainable aspects of concrete production bacterial concrete concept of self healing quaternary blended concrete high strength fly ash concrete jio polymer concrete STEP cement.

#### DAY-2 16/07/2020

### SPEAKER : Dr. Roaman Babu Oinam

Topic on: Application of energy absorber & dissipater devices

Explain about that tectonic motions danger level earthquakes applications of FRP wrapping its case studies dissipators hysteria devices damping devices earthquake resistant design role of energy dissipation devices current seismic code performance objectives and case studies.

# DAY-3 17/07/2020

## SPEAKER : Dr.Roshan Srivastav

Topic on: Application of remote sensing GIS progress & Future Prospects

Explain about geographic information system remote Sensing and geographical information system non invasive technologies geographic information satellite constellation

# DAY-4 18/07/2020

## SPEAKER Dr. Jagadesh Vengala

Topic on: challenges in construction engineering under sesmic zones

Explain about seismic zones earthquakes engineering vs building engineering dynamic behavior of bamboo based housing system i k r a energy requirement of construction materials traditional bamboo construction typical moisture content relation internodal injection shock table vs shake table construction of shock table..

# DAY-5 19/07/2020

## SPEAKER Dr.D.Rama Seshu

Topic on: Special Concretes

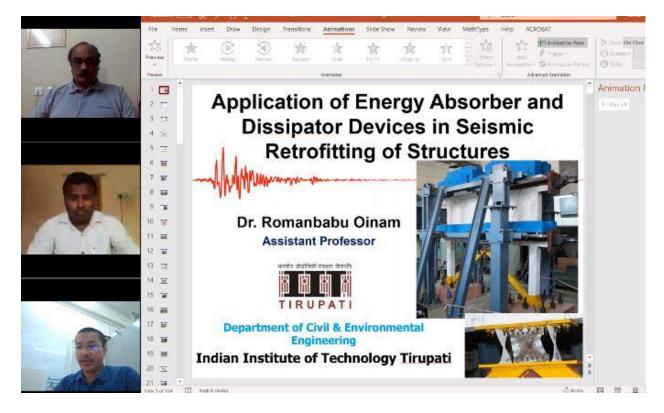
Explain about why special concrete about the green materials sustainable development why conventional concrete is not Green how tests are conducted on mortar, about Agro waste light weight or heavy weight on which RPC Ultra durable concrete nanotechnology impact in concrete self cleaning building test methods and non cement concrete.

**Event Registrations: 44** 

## Screenshot of DAY 1



At the end of the day 1 session resource persons clarified the doubts questioned by the participants and vote of thanks was delivered by Kvr.kartikeyan Asst professor.



## Screenshot of DAY 2

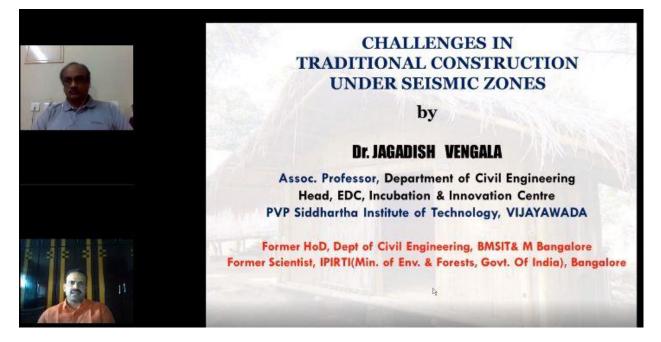
At the end of the day 2 session resource persons clarified the doubts questioned by the participants and vote of thanks was delivered by Veerendra Asst professor.

# Screenshot of DAY 3



At the end of the day 3 session resource persons clarified the doubts questioned by the participants and vote of thanks was delivered by T Nilima Asst professor.

**Screenshot of DAY 4** 



At the end of the day 4 session resource persons clarified the doubts questioned by the participants and vote of thanks was delivered by Kavya K Asst professor.

## Screenshot of DAY 5



At the end of the day 5 session resource persons clarified the doubts questioned by the participants and vote of thanks was delivered by Nagendra babu Asst professor.