













**KLEF**  
**DEPARTMENT OF CIVIL ENGINEERING**  
**Newsletter, July-September 2020**

**FDPs , Workshop ,Webinars Organised by faculty of the Department of Civil Engineering:**

**One Week Online FDP on Engineering with Geosynthetics.**

Department of Civil Engineering in association with Geosynthetics Technology Advisory Services, Jaipur Landmark Material Testing & Research Laboratory, Jaipur organized One Week Online Faculty Development Program on **Engineering with Geosynthetics** from 13th to 18th July, 2020. Sessions were convened by Eminent speakers from reputed Construction Companies and research Institutes.


 <p>ONE WEEK ONLINE Faculty Development Program (FDP) ON</p> <p><b>Engineering with Geosynthetics</b> 13<sup>th</sup> - 18<sup>th</sup> July, 2020</p> <p>Organized by Department of Civil Engineering</p> <p><b>Inaugural Session - 1</b> 13<sup>th</sup> July, 9:30 – 10:30 AM</p> <p>by</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Prof. G. Venkatappa Rao, Chairman, GTAS &amp; LRL (GD)</p> </div> <div style="text-align: center;">  <p>Er. CSN Murty, Chief Engineer(R&amp;B), APTDC</p> </div> </div>	<p style="text-align: center;">Session 2</p> <p style="text-align: center;"><b>Geosynthetics - Introduction</b></p> <p style="text-align: center;">13<sup>th</sup> July, 10:30 – 11:30 AM</p> <p style="text-align: center;">by</p> <p style="text-align: center;">Prof. G. Venkatappa Rao, Chairman, GTAS &amp; LRL (GD)</p> 	<p style="text-align: center;">Session 3</p> <p style="text-align: center;"><b>Geosynthetics Applications</b></p> <p style="text-align: center;">13<sup>th</sup> July, 11:30 – 12:30 PM</p> <p style="text-align: center;">by</p> <p style="text-align: center;">Prof. M. Venkataraman, CEO, GTAS.</p> 
<p style="text-align: center;">Session 4</p> <p style="text-align: center;"><b>Principles of Soil Reinforcement</b></p> <p style="text-align: center;">13<sup>th</sup> July, 12:30 – 01:30 PM</p> <p style="text-align: center;">by</p> <p style="text-align: center;">Prof. G. Venkatappa Rao, Chairman, GTAS &amp; LRL (GD)</p> 	<p style="text-align: center;">Session 5</p> <p style="text-align: center;"><b>Geosynthetics types in India</b></p> <p style="text-align: center;">13<sup>th</sup> July, 02:30 – 03:30 PM</p> <p style="text-align: center;">by</p> <p style="text-align: center;">Mr. Saurabh Vyas, Head Designs, Techfab India.</p> 	 <p>ONE WEEK ONLINE Faculty Development Program (FDP) ON</p> <p><b>Engineering with Geosynthetics</b> 13<sup>th</sup> - 18<sup>th</sup> July, 2020</p> <p>Organized by Department of Civil Engineering</p> <p><b>QUIZ / Q&amp;A - Session 6</b> 13<sup>th</sup> July, 03:30 – 04:30 PM</p> <p>by</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Prof. G. Venkatappa Rao, Chairman, GTAS &amp; LRL (GD)</p> </div> <div style="text-align: center;">  <p>Prof. M. Venkataraman, CEO, GTAS</p> </div> </div> <p style="text-align: center;">In Association with</p> <div style="display: flex; justify-content: space-around;">   </div>

<p>   <b>ONE WEEK ONLINE</b>  <b>Faculty Development Program (FDP)</b>  <b>ON</b>  <b>Engineering with Geosynthetics</b>  13<sup>th</sup> - 18<sup>th</sup> July, 2020  <b>Session 7 - 8</b>  <b>Geosynthetics Testing</b>  14<sup>th</sup> July, 9:30 – 11:30 AM  by  <b>Prof. G. Venkatappa Rao,</b>  Chairman, GTAS &amp; LRL (GD) </p> 	<p> <b>Session 9-10</b>  <b>GSRW - Design</b>  14<sup>th</sup> July, 11:30 – 01:30 PM  by  <b>Dr. Jimmy Thomas,</b>  COO, GTAS. </p> 	<p> <b>Session - 11</b>  <b>Geosynthetics Design - Problem Solving</b>  14<sup>th</sup> July, 02:30 – 03:30 PM  by  <b>Dr. Jimmy Thomas,</b> In Association with  COO, GTAS. </p>     
<p>   <b>ONE WEEK ONLINE</b>  <b>Faculty Development Program (FDP)</b>  <b>ON</b>  <b>Engineering with Geosynthetics</b>  13<sup>th</sup> - 18<sup>th</sup> July, 2020  <b>Session 12</b>  <b>GSRW construction</b>  14<sup>th</sup> July, 03:30 – 04:30 PM  by  <b>Mr. D.V. Bhavanna Rao,</b>  Former, CE, Govt of A.P. </p> 	<p>   <b>ONE WEEK ONLINE</b>  <b>Faculty Development Program (FDP)</b>  <b>ON</b>  <b>Engineering with Geosynthetics</b>  13<sup>th</sup> - 18<sup>th</sup> July, 2020  <b>Session 13 - 14</b>  <b>Long Term Design Strength &amp; Case Studies</b>  15<sup>th</sup> July, 9:30 – 11:30 AM  by  <b>Prof. G. Venkatappa Rao,</b>  Chairman, GTAS &amp; LRL (GD) </p> 	<p> <b>Session 16</b>  <b>Construction/ Case Studies of Slopes</b>  15<sup>th</sup> July, 12:30 – 01:30 PM  by  <b>Prof. M. Venkataraman,</b>  CEO, GTAS. </p> 
<p> <b>Session 17</b>  <b>Seismic Stability of GSRSS</b>  15<sup>th</sup> July, 02:30 – 03:30 PM  by  <b>Ch. Hanumantharao,</b>  Prof. &amp; HoD-CE, KL </p> 	<p> <b>Session 18</b>  15<sup>th</sup> July, 03:30 – 04:30 PM  <b>Design Numerical problem solving</b>  by  <b>Dr. Jimmy Thomas,</b>  COO, GTAS. In Association with </p> 	<p> <b>Session 19 - 20</b>  <b>Geosynthetic Pavements</b>  16<sup>th</sup> July, 9:30 – 11:30 AM  by  <b>Prof. G. Venkatappa Rao,</b>  Chairman, GTAS &amp; LRL (GD) </p> 
<p> <b>Session 21</b>  <b>Design of GS Pavements</b>  16<sup>th</sup> July, 11:30 – 12:30 PM  by  <b>Kolli Mohan Krishna,</b>  IIT-Gandhinagar. </p> 	<p> <b>Session 22</b>  <b>Case Studies on Reinforced Slopes</b>  16<sup>th</sup> July, 12:30 – 01:30 PM  by  <b>Er. Satish Naik,</b>  Director, Best Geotechnics Pvt.Ltd. </p> 	<p> <b>Session 23</b>  <b>Recycled Asphalt Pavement</b>  16<sup>th</sup> July, 02:30 – 03:30 PM  by  <b>Mrs. Atasi Das,</b>  Senior GM, GR Infra, Gurugram </p> 
<p> <b>Session 24</b>  <b>Numerical problems on Geosynthetic Pavements</b>  16<sup>th</sup> July, 03:30 – 04:30 PM  by  <b>Kolli Mohan Krishna,</b>  IIT-Gandhinagar. </p> 	<p> <b>Session 25 - 26</b>  <b>Basal Reinforcement &amp; GS BT Pavements</b>  17<sup>th</sup> July, 9:30 – 11:30 AM  by  <b>Prof. G. Venkatappa Rao,</b>  Chairman, GTAS &amp; LRL (GD) </p> 	<p> <b>Session 27 - 28</b>  <b>Coastal &amp; River bank protection</b>  17<sup>th</sup> July, 11:30 – 01:30 PM  by  <b>Prof. M. Venkataraman,</b>  CEO, GTAS. </p> 

<p><b>KL</b> (KANNIAKUMAR UNIVERSITY)</p> <p>ONE WEEK ONLINE Faculty Development Program (FDP) ON</p> <p><b>Engineering with Geosynthetics</b> 13<sup>th</sup> - 18<sup>th</sup> July, 2020</p> <p>Organized by Department of Civil Engineering</p> <p>Session 29 <b>GS in Water Resources Case studies</b> 17<sup>th</sup> July, 02:30 – 03:30 PM by Mr. Vivek Kapadia, Director, SSNL, Govt of Gujarat.</p> 	<p>Session 30 <b>Case Studies</b> 17<sup>th</sup> July, 03:30 – 04:30 PM by Mr. Saurabh Vyas, Head Designs, Techfab India.</p> 	<p>Session 31 <b>Coir GT for Erosion Control &amp; IVR</b> 18<sup>th</sup> July, 9:30 – 10:30 AM by Prof. G. Venkatappa Rao, Chairman, GTAS &amp; LRL (GD)</p> 
<p><b>KL</b> (KANNIAKUMAR UNIVERSITY)</p> <p>ONE WEEK ONLINE Faculty Development Program (FDP) ON</p> <p><b>Engineering with Geosynthetics</b> 13<sup>th</sup> - 18<sup>th</sup> July, 2020</p> <p>Organized by Department of Civil Engineering</p> <p>Session 32 <b>PVD: Prefabricated Vertical Drains</b> 18<sup>th</sup> July, 10:30 – 11:30 AM by Mrs. Dola Roychowdhury Founder Director at G-CUBE Consulting Engineers LLP</p> 	<p>Session 33 - 34 <b>Engineered Landfills</b> 18<sup>th</sup> July, 11:30 – 01:30 PM by Prof. M. Venkataraman, CEO, GTAS.</p> 	<p>Session 35 <b>Geosynthetics in Water Resources</b> 18<sup>th</sup> July, 02:30 – 03:30 PM by Dr. I.S.N. Raju, Former Chief Engineer I&amp;CAD (GoAP)</p> 

## One Week Online FDP on CONSTRUCTION TECHNOLOGY AND MANAGEMENT

Department of Civil Engineering organized One Week Online Faculty Development Program on CONSTRUCTION TECHNOLOGY AND MANAGEMENT from 24<sup>th</sup> to 29<sup>th</sup> Aug, 2020. Sessions were convened by Eminent speakers from Premier Research Institutes and Reputed Industries across India.

<p><b>SPEAKER #1</b></p> <p><b>MS. S. MANNA SIMON</b> DOCTORAL RESEARCH SCHOLAR (IITM) Theme 1: BIM and Lean</p>  <p><b>DAY-I</b> 9.30 am – 11.30 am 24, Aug, 2020</p>	<p><b>SPEAKER #2</b></p> <p><b>DR. BALAKUMAR VENKATRAMAN</b> SENIOR CONSULTANT AT SIMPLEX INFRASTRUCTURES LIMITED Theme 5: Safety &amp; BS</p>  <p><b>DAY-I</b> 11.30 am – 12.30 pm 24, Aug, 2020</p>
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### **SPEAKER #3**

**MR. S SHANMUGARAJ**  
PROJECT OFFICER (IITM)  
Theme 6: Quality (incl methods)



**DAY-1**

12.30 pm – 01.30 pm

24, Aug. 2020

### **SPEAKER #4**

**MR. BALASUBRAMANI MAHESH**  
ASST. PROF. (NICMAR HYDERABAD)  
Theme 2: Finance & Contracts



**DAY-1**

2.30 pm – 4.30 pm

24, Aug. 2020

### **SPEAKER #5**

**MR. P. MOHAN CHANDRA**  
DOCTORAL RESEARCH SCHOLAR (IITM)  
Theme 3: Sustainability



**DAY-2**

9.30 am – 11.30 am

25, Aug. 2020

### **SPEAKER #6**

**MR. VINAY MATHEWS**  
CHARTERED ENGINEER (INDEPENDENT  
CONSULTANT)  
Theme 1: BIM and Lean



**DAY-2**

11.30 am – 1.30 pm

25, Aug. 2020

### **SPEAKER #7**

**DR. RAHUL V. RALEGAONKAR**  
PROFESSOR, VNIT, NAGPUR  
Theme 3: Sustainability



**DAY-2**

2.30 pm – 4.30 pm

25, Aug. 2020

### **SPEAKER #8**

**MS. SREELAKSHMI S**  
DOCTORAL RESEARCH SCHOLAR (IITM)  
Theme 1: BIM and Lean



**DAY-3**

9.30 am – 11.30 am

26, Aug. 2020

### **SPEAKER #9**

**DR. B. SUDHEER KUMAR REDDY**  
ASSISTANT PROFESSOR  
(SREENIDHI INSTITUTE OF SCIENCE AND  
TECHNOLOGY, HYDERABAD, TELANGANA)  
Theme 2: Finance and Contracts



**DAY-3**

11.30 am – 1.30 pm

26, Aug. 2020

### **SPEAKER #10**

**AR. K. SUNDARARAMAN**  
ASSOCIATE PROFESSOR (RAJALAKSHMI  
SCHOOL OF ARCHITECTURE);  
DOCTORAL RESEARCH SCHOLAR (IITM)  
Theme 5: Safety & BS (incl robotics and automation)



**DAY-3**

2.30 pm – 4.30 pm

26, Aug. 2020

## SPEAKER #11

### MR. S. SHRIRAM

ASSISTANT PROFESSOR (AMRITA  
COLLEGE OF ENGINEERING, CHENNAI  
CAMPUS)

Theme 5: Safety & BS (incl. robotics and automation)



**DAY-4**

9.30 am – 11.30 am

27, Aug, 2020

## SPEAKER #12

### MR. MANU K POULOSE

DOCTORAL RESEARCH SCHOLAR (IITM)

Theme 2: Finance and Contracts



**DAY-4**

11.30 am – 1.30 pm

27, Aug, 2020

## SPEAKER #13

### MR. G. BOOPATHI

DIRECTOR (UNIQCORE  
CONSTRUCTIONS INDIA PVT LTD)

Theme 6: Quality (incl methods)



**DAY-4**

2.30 pm – 4.30 pm

27, Aug, 2020

## SPEAKER #14

### MR. E. VETRISELVAN

MANAGER-PROJECTS (EPMCR)

Theme 6: Quality (incl methods)



**DAY-5**

9.30 am – 10.30 am

28, Aug, 2020

## SPEAKER #15

### MR. VARUN KUMAR REJA

DOCTORAL RESEARCH SCHOLAR (IITM)  
- PMRF

Theme 5: Safety & BS (incl. robotics and automation)



**DAY-5**

10.30 am – 11.30 am

28, Aug, 2020

## SPEAKER #16

MR. RAKSHITH KOMALAN H K,  
ENGINEER (NCBS-TIFR, BENGALURU)

Theme 3: Sustainability



**DAY-5**

11.30 am – 1.30 pm

28, Aug, 2020

## SPEAKER #17

### MR. PAVANKUMAR TADEPALLI

MS RESEARCH SCHOLAR (IITM)

Theme 6: Quality (incl methods)



**DAY-5**

2.30 pm – 4.30 pm

28, Aug, 2020

## SPEAKER #18

### MR. PURUSHOTHAMAN SRINATH

DOCTORAL RESEARCH SCHOLAR (IITM)

Theme 4: Planning & Scheduling



**DAY-6**

9.30 am – 11.30 am

29, Aug, 2020



<b>SPEAKER #19</b> <b>DR. KARTHIK DASARI</b> RESEARCH ASSISTANT (FREELANCER) Theme 4: Planning & Scheduling		<b>DAY-6</b> 11.30 am – 1.30 pm 29, Aug. 2020	<b>SPEAKER #20</b> <b>MR. SANTHOSH LOGANATHAN</b> RESEARCH ASSOCIATE (L&T), SCHOLAR (IITM & UTS) Theme 4: Planning & Scheduling		<b>DAY-6</b> 2.30 pm – 4.30 pm 29, Aug. 2020
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## Workshops

### “Advances in special Concretes (ASC-2020) ”

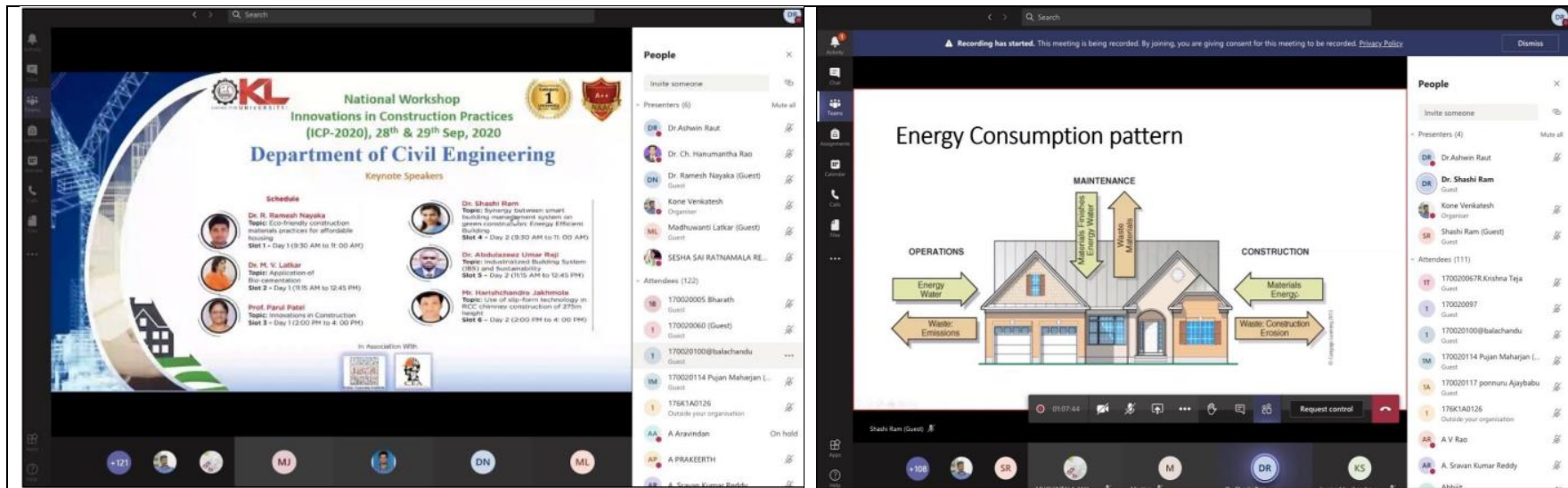
Department of Civil Engineering organised two day online workshop on "Advances in special Concretes (ASC-2020) " on 20<sup>th</sup> and 21<sup>st</sup> August 2020. Sessions were convened by the eminent personal from various reputed academic intuitions and industries.

 <b>Department of Civil Engineering</b> TWO DAY ONLINE NATIONAL WORKSHOP (CLEANED TO BE UNIVERSITY)	 <b>Technical Session -1</b> By <b>Prof. K. V. L. SUBRAMANIAM</b> Professor, IIT Hyderabad	<b>ASC - 2020</b> 20 <sup>th</sup> & 21 <sup>st</sup> August, 20	 <b>Department of Civil Engineering</b> TWO DAY ONLINE NATIONAL WORKSHOP (CLEANED TO BE UNIVERSITY)	 <b>Technical Session -2</b> By <b>Dr. B. Kameswara Rao</b> Professor, KLEF	<b>ASC - 2020</b> 20 <sup>th</sup> & 21 <sup>st</sup> August, 2020	 <b>Department of Civil Engineering</b> TWO DAY ONLINE NATIONAL WORKSHOP (CLEANED TO BE UNIVERSITY)	 <b>Technical Session -3</b> By <b>Er. Ch. Santhosh Kumar</b> Quality Manager, STEDRANT Techno claus Pvt. Ltd	<b>ASC - 2020</b> 20 <sup>th</sup> & 21 <sup>st</sup> August, 2020
<b>Concrete Innovations for Sustainable Construction</b>			<b>Performance of Concretes Incorporated with Supplementary Cementitious Materials</b>			<b>Non-Destructive Tests on Hardened Concrete</b>		
In Association with  			In Association with  			In Association with  		



## Innovations in Construction Practices (ICP-2020)

Department of Civil Engineering organised two day online workshop on " **INNOVATIONS IN CONSTRUCTION PRACTICES (ICP-2020)** " on 28<sup>th</sup> and 29<sup>th</sup> September 2020. Session on Day 1 started by **Dr. R. Ramesh Nayaka** Assistant Professor, Civil Engineering Department, National Institute of Technology, Warangal on Eco-friendly Construction Practices for Affordable Housing followed by **Dr. M. V. Latkar** , Associate Professor, Civil Engineering Department, Visvesvaraya National Institute of Technology , Nagpur on Application of Biocementation. Final session on day 1 was convened by **Dr. Parul Patel**, Professor, Civil Engineering Department, Nirma University on Sustainable Construction Management.



On Day 2 first session was convened by **Dr. Sashi Ram** , Assistant Professor, Civil Engineering Department, National Institute of Technology, Warangal on Synergy between smart building management system on Green construction: Energy Efficient Building followed **Dr. Abdulazeez Umar Raji**, Senior Lecturer, Department of Estate Management, Bayero University, Kano, Nigeria. on Industrialized Building System and the final session was presented by **Mr. Harishchandra Jakhmola** , General Manager Management System and Quality Assurance at Kalpataru Power Transmission Limited on Use of Slip form Technology in RCC Chimney Construction.



## Webinars

**Dr.Ch.Hanumantha Rao** HOD ,Department of Civil Engineering ,KLEF had given online webinar on **Teaching Pedagogies in 21<sup>st</sup> Century** on 5<sup>th</sup> September .Webinar was attended by faculty and students of various institutions across the state..

The image displays two promotional posters for webinars. The left poster, titled "5<sup>th</sup> SEPT TEACHERS DAY WEBINAR ON TEACHING PEDAGOGIES IN 21<sup>ST</sup> CENTURY", features a portrait of Dr. Ch. Hanumantharao, HOD, Civil Engineering Department, KLEF. It includes the registration link <https://bit.ly/2GjKNsw> and the web link <https://global.gotomeeting.com/join/575843341>. The right poster, titled "SERVICE LIFE OF RC STRUCTURES WITH RESPECT TO CORROSION OF REINFORCING STEEL", features a portrait of Prof. B. Kameswara Rao, Civil Engineering Department. It includes the registration link [HTTPS://BIT.LY/2DGQWMS](https://bit.ly/2DGQWMS) and the platform "GOTOMEETING".

**5<sup>th</sup> SEPT**  
3-4.30PM  
**TEACHERS DAY**  
**WEBINAR ON TEACHING PEDAGOGIES IN 21<sup>ST</sup> CENTURY**

**KL** Department of Civil Engineering  
Dr. Ch. Hanumantharao  
HOD, Civil Engineering Department.  
Speaker

reg link : <https://bit.ly/2GjKNsw> | web link : <https://global.gotomeeting.com/join/575843341>  
E-certificates shall be provided

**KL** Department of Civil Engineering  
**SERVICE LIFE OF RC STRUCTURES WITH RESPECT TO CORROSION OF REINFORCING STEEL**

REGISTRATION LINK IS [HTTPS://BIT.LY/2DGQWMS](https://bit.ly/2DGQWMS)  
E-CERTIFICATES SHALL BE PROVIDED

**12<sup>th</sup> OF SEPT @ 3PM**

**SPEAKER FOR THE WEBINAR**

**Prof. B. KAMESWARA RAO**  
CIVIL ENGINEERING DEPARTMENT

PLATFORM: **GOTOMEETING**

WEBINAR LINK IS [HTTPS://GLOBAL.GOTOMEETING.COM/JOIN/902911085](https://global.gotomeeting.com/join/902911085)

**Dr. B. Kameswara Rao** presented a Webinar on **Service Life of RC Structures with Respect to Corrosion of Reinforcing Steel** on 12.9.2020, which was attended by people from various technical Institutes.

**Dr. A.Aravindan** presented a Webinar on **Challenge and Remedies in E- Waste Management** on 19.9.2020, Webinar was attended by faculty and students of various institutions across the country.

## Guest Lectures

**Mr. V. Koventhan**, Principal Bridge Engineer, MMSB, Malaysia presented the lecture on “Full Span Launching of Precast Prestressed Segment for Railway Bridge” on 19<sup>th</sup> Aug, 2020..Lecture was attended by IV/IV B.Tech and M.Tech students of the Department of Civil Engineering.

The image is a composite of two parts. The left part is a lecture poster for KL Deemed to be University. It features the university's logo and name at the top. The title of the lecture is "A GUEST LECTURE (GL) ON Full Span Launching of Precast Prestressed Segment for Railway Bridge". It is organized by the Department of Civil Engineering on 19<sup>th</sup> August, 2020, from 09:30 AM to 11:30 AM. The speaker is Mr. V. Koventhan, Principal Bridge Engineer, MMSB, Malaysia. The poster also mentions it is in association with the Civil Engineering Association (CEA) and includes a "LIVE" badge and a Microsoft Teams link: [shorturl.at/hqx17](https://shorturl.at/hqx17). The right part is a screenshot of a Microsoft Teams meeting interface. The title of the meeting is "Construction Management Profession- Navigating The Post Pandemic Situation". The speaker is Dr. Tharun Dolla, PhD, Research Associate, Department of Civil Engineering, Indian Institute of Technology Guwahati, Guwahati - 781 039, Assam, India. The interface shows a list of participants on the right, including Dr. Tharun, CLASS R, and Harunur.

**Dr. Tharun Dolla** Research Associate, Department of Civil Engineering, Indian Institute of Technology, Guwahati, Assam, India. delivered the online lecture on “Construction Management Profession - Navigating the Post Pandemic Situation” on 1<sup>st</sup> September 2020.Lecture was attended by IV/IV B.Tech and M.Tech students of the Department of Civil Engineering.

## BAMBOO CONSTRUCTION UNDER SEISMIC ZONES


by

### Dr. JAGADISH VENGALA

Assoc. Professor, Department of Civil Engineering  
Head, EDC, Incubation & Innovation Centre  
PVP Siddhartha Institute of Technology, VIJAYAWADA

Former HoD, Dept of Civil Engineering, BMSIT& M Bangalore  
Former Scientist, IPIRTI(Min. of Env. & Forests, Govt. Of India), Bangalore

1



**bamboo**

- IN INDIA, THERE ARE 125 INDIGENOUS AND 11 EXOTIC SPECIES OF BAMBOO BELONGING TO 23 GENERA
- BAMBOO AVAILABLE IN NEARLY 14 MILLION HECTARES IN INDIA
- ABOUT 2 MILLION TRADITIONAL ARTISANS WHOSE LIVELIHOOD DEPENDS ON BAMBOO
- THE NORTH EASTERN STATES AND WEST BENGAL ACCOUNT FOR MORE THAN 50% OF THE BAMBOO RESOURCES OF THE COUNTRY.
- ANNUAL HARVEST IS MORE THAN 13 MILLION METRIC TONNES

(Ref: India State of Forest Report , 2019, Forest survey of India)

Participants

Speaking: Dr. Jagadish Vengala

Presenters: 3

CLASS ROOM 942 (Mod. 00)

Dr. Jagadish Vengala

HarunurRasheed Chappidi

Attendees: 100

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170220012 Ajay Babu

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170220014 SAIJI KISHAN

170220029 Subhanthya Reddy...

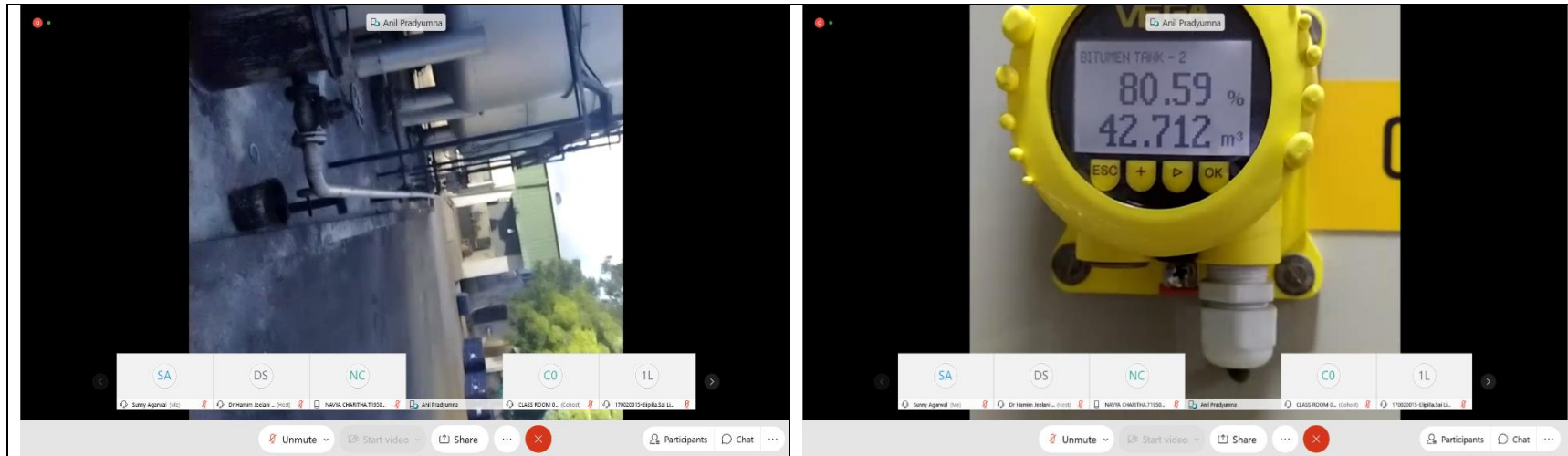
170220031 Saurabh C

**Dr. Jagadish Vengala**, Associate Professor, Head, EDC, Incubation & Innovation centre, PVP Siddhartha Institute of Technology, Vijayawada, Andhra Pradesh had delivered the online guest lecture on 31st Sept, 2020 . “Bamboo construction under Seismic zones”. .Lecture was attended by IV/IV B.Tech and M.Tech students of the Department of Civil Engineering.



## Industrial Tour

Department of Civil Engineering organized virtual Industrial tour to **Sri. Mukha Road Products and Civil Labs Pvt Ltd** on 22 September 2020 for B.Tech and M.Tech( CTM,SE) students, where they were briefed by Er. T. Anil Pradyuman about the manufacturing process of Bitumen and Quality control measures of Bitumen.



**MoU Signed by the Department of Civil Engineering.**

**National Highways Authority of India(NHAI)**



Department of Civil Engineering ,KLEF signed an MoU with National Highways Authority of India(NHAI), PIU , Amaravati on 20 August 2020 for dissemination of respective expertise in civil/highway engineering field through the road infrastructure development . The MoU aims to strengthen industry -institution gap ,consultancy and research collaboration between the two institutions.

## Faculty Achievements:

**B. Kameswara Rao** , Key Note Speaker, “ The Role of Supplementary Cementitious Materials in the Sustainable Development of Construction Industry ” “ AICTE Sponsored Online One Week Short Term Training Program on Recent Advances in Forensic Analysis of Sub and Super Structures ” 29<sup>th</sup> June-04<sup>th</sup> July 2020, at Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada.

**B. Kameswara Rao** , Key Note Speaker, “ Effect of Quality of construction of the service life of RCC Structures ” “ One Week Online Faculty Development Program on Advances in Concrete Sciences and Technology for Sustainability (ACSTS) ” 13-18 July 2020, at VNRVJIET, Hyderabad.

**B. Kameswara Rao** , Key Note Speaker, “ Advances in Concrete Science and Technology ” “ E-National Lecture(Webinar) ” 30 July 2020, at RCIT, Palamu, Jharkhand.

**N.Lingeswaran** , Speaker, “Analysis and Design of structural components by using STAAD Pro, ETABS, SAFE and STAAD FOUNDATION Softwares” “ 3 Days Faculty Development Program” 14-16 September 2020, at KAHE ,Coimbatore.

**I. Siva Kishore** Corporate Member of Institute of Engineers, India was accorded as Chartered Engineer.

**Dr. Marimuthu K** , Resource Person , “Importance and methods of Quality Management”, Expert Lecture on “Quality Management- A Primer” 18 August 2020 at D Y Patil College of Engineering, Akurdi, Pune 44.

### Details of Faculty Taken Professional Society Membership

S.No	Name of the faculty	Name of the Professional society	Type of Membership
1	Mr M. Anil Kumar	Indian Concrete Institute	Life Member (13027)
2	Siva Kishore Ikkurthi	Member of Engineers Australia	Life time
3	Mr.N.Sandeep Kumar	Indian Geotechnical Society (IGS)	Life Member (LM4843)
4	Dr. Ashwin Raut	Indian Concrete Institute	Life Member (13029)
5	Dr. Marimuthu K	American Society of Civil Engineering	Associate Member



## Faculty Participations in Online Courses, Faculty Development Programme ,Workshops, Seminars and Webinars

### Online Coursera Courses done by Faculty

S.No	Name of the Faculty	Title of the Online Course
1	Mr.Achuth Kumar Reddy	Mechanics of Materials I : Fundamentals of stress & strain and axial loading
2	Mr.Achuth Kumar Reddy	Autodesk CAD / CAM / CAE for Mechanical Engineering
3	Dr.Aravindhan	Mastering Bitumen for better roads and innovative applications
4	Dr.Aravindhan	AI For Everyone
5	Dr.Aravindhan	Municipal Solid Waste Management in Developing Countries
6	Dr.Ashwin Narendra Raut	Response Surfaces, Mixtures, and Model Building
7	Mr.Anil Kumar M	Mechanics of Materials I : Fundamentals of Stress & Strain and Axial Loading
8	Mr.K Venkatesh	Construction Finance
9	Mr M. Anil Kumar	Design Of Reinforced Concrete Structures
10	Mr. Sri Harsha	Grammar and Punctuations
11	Mr. Sri Harsha	Introduction to Engineering Mechanics
12	Mr.Achuth Kumar Reddy	Mechanics of Materials I : Fundamentals of stress & strain and axial loading
13	Mr.Achuth Kumar Reddy	Autodesk CAD / CAM / CAE for Mechanical Engineering
14	Dr.Aravindan	Grammar and Punctuations

## FDP

Faculty members of the Department of Civil Engineering participated in various Faculty Development Programs for enrichment of knowledge.

S.No	Name of the faculty	Name of the FDP	Details of the University/Institute organising FDP	Duration
1	Lingeshwaran N	Role of civil engineers for sustainable development	MBITS, Kerala	14th July 2020 - 16th July 2020
2	Lingeshwaran N	ACSTS	VNRVJ Institute of Engineering Technology, Hyderabad	13th July 2020 - 18th July 2020
3	Lingeshwaran N	Waste Management & Its Impact on the Environment	GHR College of Engineering, Nagpur	20th July 2020 - 25th July 2020
4	Lingeshwaran N	Emerging trends in Infrastructure Projects	Kakatiya Institute of technology & science, Warangal	20th July 2020 - 24th July 2020
5	Lingeshwaran N	OBE in Higher Education Sector	MBITS, Kerala	23th July 2020 - 25th July 2020
6	Lingeshwaran N	Emerging Trends in Civil Engineering	GATES	25th July 2020 - 29th July 2020
7	Lingeshwaran N	Water & Environmental modelling using MIKE	Sathya Institute of Technology & Management, Vijyanagaram	13th July 2020 - 17th July 2020
8	Hemantharaja	Advances in structural & Geotechnical	Govt College of Engineering, Odisha	29th June 2020 -

	K	Engineering		3rd July 2020
9	Hemantharaja K	Advance e - learning in Structural Engineering design concept	Hindusthan College of Engineering and Technology	29th June 2020 - 1st July 2020
10	Hemantharaja K	ACSTS	VNRVJ Institute of Engineering Technology, Hyderabad	13th July 2020 - 18th July 2020
11	Hemantharaja K	OBE in Higher Education Sector	MBITS, Kerala	23th July 2020 - 25th July 2020
12	Hemantharaja K	Emerging Trends in Civil Engineering	GATES	25th July 2020 - 29th July 2020
13	Hemantharaja K	Emerging trends in Infrastructure Projects	Kakatiya Institute of technology & science, Warangal	20th July 2020 - 24th July 2020
14	Hemantharaja K	Trends in Transportation	GVP College for Degree & PG Courses	06th July 2020 - 10th July 2020
15	Hemantharaja K	Waste Management & Its Impact on the Environment	GHR College of Engineering, Nagpur	20th July 2020 - 25th July 2020
16	Sunny Agarwal	Multidisplinary approach in civil engineering	NNRG, Hyderabad	29th June 2020 - 03rd July 2020
17	Suuny Agarwal	Water & Environmental modelling using MIKE	Sathya Institute of Technology & Managment, Vijyanagaram	13th July 2020 - 17th July 2020
18	Himath Kumar Y	Water & Environmental modelling using MIKE	Sathya Institute of technology & Managment, Vijyanagaram	13th July 2020 - 17th July 2020
19	Rahul B G	Water & Environmental modelling using MIKE	Sathya Institute of Technology & Management, Vijyanagaram	13th July 2020 - 17th July 2020



20	Achuth Kumar Reddy	Future of Construction Technology & Green Building	CMRIT, Bangalore	2nd July 2020 - 4th July 2020
21	Sanndeeep Kumar	Advances in Geotechnical Engineering	Bheemanna Khandre Institute of Technology, Bhalk	15th July 2020 - 20th July 2020
22	Sanndeeep Kumar	"Innovative Trends in Civil Engineering	R. R. Institute of Technology	22nd July 2020 - 24th July 2020
23	Sanndeeep Kumar	Role of civil engineers for sustainable development	MBITS, Kerala	14th July 2020 - 16th July 2020
24	Sanndeeep Kumar	Engineering with Geosynthethic	KL University	13th July 2020 - 18th July 2020
25	Dr. A. Aravindan	Current Scenario & Emerging trends in Construction Managment	TOCH Institute of Science & Technology, Tamilnadu	27th July 2020 - 1st August 2020
26	Sanndeeep Kumar	Entrepreneurship Development Program Modern Construction Project Management Tools	SRI VENKATESWARA COLLEGE OF ENGINEERING	19th August 2020 - 21th August 2020
27	Lingeshwaran N	Bridge Structures	SRM INSTITUTE OF SCIENCE & TECHNOLOGY	03th August 20 - 05th August 20
28	Lingeshwaran N	Sustainable Development in Civil Engineering	Vidyavardhaka College of Engineering	03th August 20 - 08th August 20
29	Dr. Umesh Kumar Singh	PROFESSIONAL ETHICS	Providence College of Engineering	10th August 20 - 14th August 20
30	Dr. Umesh Kumar Singh	Recent Trends in Civil Engineering	St. Thomas College of Engineering & Technology	5th August 2020 - 7th August 2020

31	Hemantharaja K	Sustainable Development in Civil Engineering	Vidyavardhaka College of Engineering	03th August 20 - 08th August 20
32	Hemantharaja K	Smart and Sustainable Materials in Construction	Sri Venkateswara Institute of Science and Technology, Kadapa	04th August 20- 08th August 20
33	Hemantharaja K	Author's Conclave	Srm Institute of Science & Technology	11th August 2020 - 17th August 2020
34	Hemantharaja K	Bridge Structures	Srm Institute of Science & Technology	03th August 20- 05th August 20
35	Mr.K Venkatesh	Artificial Intelligence using Python	Brainovision Solutions India Pvt. Ltd.	6 Days
36	Mr. T. Venkat Das	Construction Technology and Management	KL University	24th - 29th August 2020
37	Hanumanthara o Chappidi	Construction Technology	AICTE (ATAL Academy)	7th - 11th September 2020
38	M ANIL KUMAR	"Mechanics of Composite Materials and Structures	M.B.M. Engineering College	09th - 13th September 2020
39	M ANIL KUMAR	Concrete Technology and Sustainable construction Practices	AICTE Training and Learning (ATAL) Academy	21st - 25th September 2020
40	Naga Chaitanya Kavuri	Design Thinking	AICTE Training and Learning (ATAL) Academy	21st - 25th September 2020
41	M Achyutha Kumar Reddy	3D Printing & Design	AICTE Training and Learning (ATAL) Academy	14th - 18th September 2020

42	M Achyutha Kumar Reddy	Construction Technology	AICTE (ATAL Academy)	7th - 11th September 2020
43	Mr. Sri Harsha	Concrete Technology and Sustainable construction Practices	AICTE Training and Learning (ATAL) Academy	21st - 25th September 2020
44	Dr. A . Aravindhan	Smart cities opportunities and challenges	NIT - Patna	10th - 14th September 2020
45	Dr. A . Aravindhan	Analysis and design of structural components	Karpagam Academy of Higher Education	14th - 16th September 2020
46	Mr. N. Lingeshwaran	Latest Advances in Concrete Technology & Construction Management	College of Engineering & Technology	01st - 05th September 2020
47	Mr. N. Lingeshwaran	Earthquake Resistant Design of Concrete & Steel Moment Resisting Frame Buildings	Rajasthan Technical University	21st - 25th September 2020
48	Hemantharaja Kommineni	Sustainable Cities and Infrastructure	Rajasthan technical University	13th - 15th September 2020
49	Hemantharaja Kommineni	Sustainability Engineering from	AICTE Training and Learning (ATAL) Academy	07th - 11th September 2020
50	Hemantharaja Kommineni	Smart Cities Challenges and Opportunities	National Institute of Technology, Patna	10th - 14th September 2020
51	Hemantharaja Kommineni	Latest Advances in Concrete Technology & Construction Management	Biju Patnaik University of Technology, Bhubaneswar	01st - 05th September 2020
52	Hemantharaja Kommineni	Earthquake Resistant Design of Concrete & Steel Moment Resisting Frame Buildings	Rajasthan Technical University	21st - 25th September 2020
53	Hemantharaja Kommineni	Analysis & Design of Structural Components by using Staad.Pro, E-Tabs, Safe and Staad	Karpagam Academy of Higher Education	14th -16th September 2020

		Foundation Softwares		
54	Dr.Ch Hanumantha Rao	Design Thinking	AICTE (ATAL Academy)	21.9.2020 to 25.9.2020

## Workshops, Seminars and Webinars

S.No	Name of the faculty	Name of the Conference/ Workshops/ Seminars/Webinar	Details of the University/Institute organising program	Duration
1	Lingeshwaran N	Advances in Technology and management for civil engineering	KDK College of Engineering, Nagpur	23rd June 2020 - 1st July 2020
2	Lingeshwaran N	Concrete mix design analysis & Innovative concrete products of durable structure	MVR College of Engineering, Vijayawada	06th July 2020 - 07th July 2020
3	Hemantharaja K	Advances in Technology and management for civil engineering	KDK College of Engineering, Nagpur	23rd June 2020 - 1st July 2020
4	Hemantharaja K	Concrete mix design analysis & Innovative concrete products of durable structure	MVR College of Engineering, Vijayawada	06th July 2020 - 07th July 2020
5	Dr. Ashwin Raut	Functional and Sustainable quality performance for Buildings	DY Patil College of Engineering, Pune	22-Jul-2020



6	Dr. Ashwin Raut	Demystifying Green Buildings: Edge Discovery workshop	JSS academy of technical Education, Bangalore	25-Jan-2020
7	Dr. A. Aravindan	OBE competency mapping with Cos	Sri Eswar college of Engineering	30-Jul-2020
8	Dr. A. Aravindan	Engineering Optimization-Methods and Applications	Sri Eswar college of Engineering	27-Jul-2020
9	Dr. A. Aravindan	Food and Health in the current Environment	CIT	31-Jul-2020
10	Dr. A. Aravindan	Gridnd Glass Fibre Reinforced polymer composite	CIT	29-Jul-2020
11	Mr.N.Sandeep Kumar	Handling Management and Recyling of Bio Medical Waste	Vignana Bharath Institute of Tech	4-Jul-2020
12	Mr.N.Sandeep Kumar	Development in Urban Transport Engineering	Prasad.V. Potluri Siddhartha Institute of Technology	13-Jul-2020
13	Mr.N.Sandeep Kumar	New Construction water Proofing Techniques	Nehuru Institute of Tech	17-Jul-2020
14	Mr.N.Sandeep Kumar	Deep excavation in Urban Environment	Mahatma Gandhi Institute of Tech	22-Jul-2020
15	Mr.N.Sandeep Kumar	Introduction Green Home	Sri Venkateswara College of Engineering	24-Jul-2020
16	Mr.N.Sandeep Kumar	Demistyfing Green Buildings: Edge Discovery workshop	Jss Academy Technical Education	25-Jul-2020
17	Mr.N.Sandeep Kumar	Design of Green Campus	Jss Academy Technical Education	25-Jul-2020
18	Mr.N.Sandeep Kumar	Recent Advances in concrete & sustainable Materials	JSW CEMENT LTD	27-Jul-2020

19	Dr.K.Marimuthu	Open source Tools& softwares in Remote Teaching and Learning	Gayatri Vidya Parishad College for Dergree and PG course	5-Jul-2020
20	Dr.K.Marimuthu	Digital content creation for social Media	Bombay Teachers college	7/6/2020 - 7/11/2020
21	Dr.K.Marimuthu	simplifying brain science-A revolution in the offing	IITM Alumini Association	18-Jul-2020
22	Dr.K.Marimuthu	Monitoring Rural students for future India: IITM initiative	IITM Alumini Association	25-Jul-2020
23	Dr.K.Marimuthu	ABC of construction	KDK College of Engineering, Nagpur	28-Jul-2020
24	Dr.K.Marimuthu	Design sustainably agile and resilient Libraries for the post covid-19 world c	Chimanbhai Patel Institute	28-Jul-2020
25	Dr.K.Marimuthu	project Management in construction Industry using Primavera	Ramco Institute of Technology	29-Jul-2020
26	Dr.K.Marimuthu	Digital Estimation and latest techniques in construction projects using 5D BIM& costx	Ramco Institute of Technology	30-Jul-2020
27	Dr.K.Marimuthu	Benefits of 4D planning and project monitoring using Asta power project	Ramco Institute of Technology	31-Jul-2020
28	Dr.K.Marimuthu	Flipped classroom	VIT. Vellore	31-Jul-2020
29	Sanndeeep Kumar	Basics of polymer Photoltaics	Sri Eswar college of Engineering	23th August 2020
30	Sanndeeep Kumar	How to turn Engineers to Entrenenurs	MAR Baseios Instittute of Technology and science	09th August 20 - 11th August 20
31	Sanndeeep Kumar	Smart Manufacturing & Its Insights	Sri Eswar college of Engineering	24th August 2020
32	Sanndeeep Kumar	Building a Succesful Researc carrier in Academia	Sri Eswar college of Engineering	27th August 2020

33	Sanndeeep Kumar	A journey of an Enterprenur	Sri Eswar college of Engineering	28th August 2020
34	Sanndeeep Kumar	<b><i>"Harness AI for Competitive Advantages"</i></b>	KDK College of Engineering, Nagpur	09th August 2020
35	Sanndeeep Kumar	Structural Health Monitoring and Seismic Protection of Structures and Infrastructural Systems - Phase II	Bannari Amman Institute of Technology	25th August 2020
36	Sunny Agarwal	Hands on Training Programme on MS - Excel	Skillnovate	20th August 2020 - 22th August 2020
37	Hamim Syed	Road Map for Higher education in abroad with funding opportunities	Vishnu Institute of Technology	18th August 2020
38	Dr. Hamim Syed	Sustainable Development Through Geoheritage Conservation and Geotourism in Rokua UNESCO Global Geopark, Finland	Geoheritage India Group	18th August 2020
39	Dr. Hamim Syed	EXPLORING THE SCIENCE OF ATMOSPHERE FROM SPACE	Department of Physics, K.L.E.F., Vijayawada	18th August 2020
40	Mr. T Venkat Das	Structural Health Monitoring and Seismic Protection of Structures and Infrastructural Systems - Phase II	Bannari Amman Institute of Technology	03th August 2020 - 08th August 2020
41	Mr. T Venkat Das	How to turn Engineers to Entrepreneurs	MAR Baseios Institute of Technology and science	09th August 2020 - 11th August 2020
42	Mr. T Venkat Das	A journey of an Entrepreneur	Sri Eswar college of Engineering	28th August 2020

43	Dr. A. Aravindan	Current Scenario & Emerging Trends in Construction Management	Touch Institute of Science & Technology	27th July 2020 - 1st August 2020
44	Dr. A. Aravindan	Enhancing Customer Experience using AI	Sri Eswar college of Engineering	13th August 2020
45	Dr. A. Aravindan	Study Engineering with learn by doing practices	Sri Eswar college of Engineering	14th August 2020
46	Dr. A. Aravindan	VIDYA (Science f Happiness)	Sri Eswar college of Engineering	01th August 2020
47	Dr. A. Aravindan	Construction Projects Management with Innovative Tools & Techniques	SRM Institute Of Science & Technology	10th August 2020
48	Gnana Rahul Bodapati	In built Quality - The Differentiator	Sri Eswar college of Engineering	11th August 2020
49	Gnana Rahul Bodapati	Giving the Gift of Life - Organ Donation	KDK College of Engineering, Nagpur	13th August 2020
50	Gnana Rahul Bodapati	Construction Projects Management with Innovative Tools & Techniques	SRM Institute Of Science & Technology	10th August 2020
51	Gnana Rahul Bodapati	Construction Projects Management with Innovative Tools & Techniques	CVR College of Engineering	23rd August 2020
52	Lingeshwaran N	Sustainable Green City using Geoinformatics	Vidyavardhaka College of Engineering	03rd August 2020
53	Lingeshwaran N	IT Network Infrastructure - An Overview	Sri Eswar college of Engineering	05th August 2020
54	Lingeshwaran N	An Insight into LEAN Methodology	Sri Eswar college of Engineering	06th August 2020
55	Lingeshwaran N	Understanding - Sustainability	Vidyavardhaka College of Engineering	06th August 2020
56	Lingeshwaran N	Urban Noise Pollution	Vidyavardhaka College of Engineering	07th August 2020



57	Lingeshwaran N	Thinking Smarter - Critical & Creative Thinking	Sri Eswar college of Engineering	08th August 2020
58	Lingeshwaran N	Energy Efficiency and Green Buildings	Vidyavardhaka College of Engineering	08th August 2020
59	Lingeshwaran N	Seismic Performance Assessment of RC Buildings	Gudlavalleru Engineering College	10th August 2020
60	Lingeshwaran N	Changing the ME: Residing in ME - Live SAFE, managing (Stress, Anger, Fear & Expectation)	Sri Eswar college of Engineering	10th August 2020
61	Lingeshwaran N	In built Quality - The Differentiator	Sri Eswar college of Engineering	11th August 2020
62	Lingeshwaran N	Industry 4.0: Role of Soft Computing and Data Science	Nagpur Institute of Technology, Nagpur	16th August 2020
63	Lingeshwaran N	Cyber Security	Nagpur Institute of Technology, Nagpur	17th August 2020
64	Lingeshwaran N	Recent Advances in Pavement Material Testing and Design	Misrimal Navajee Munoth Jain Engineering College	17th August 20 - 22nd August 20
65	Lingeshwaran N	Advancements in Bituminous Binders for Highway Applications	Matru Sri Engineering College	20th August 2020
66	Lingeshwaran N	Proactive Analysis to Improve Road Safety on Indian Roads	CVR COLLEGE OF ENGINEERIN	23rd August 2020
67	Lingeshwaran N	Rural Development with peoples participation	Sri Eswar college of Engineering	25th August 2020
68	Anil Kumar M	Basics of polymer Photovoltaics	Sri Eswar college of Engineering	23th August 2020
69	Anil Kumar M	Rural Development with peoples participation	Sri Eswar college of Engineering	25th August 2020
70	Hemantharaja K	Advancements in Bituminous Binders for Highway Applications	Matru Sri Engineering College	20th August 2020
71	Hemantharaja K	Performance Monitoring & Maintenance	Matru Sri Engineering College	14th August 2020

		management of Flexible Pavements		
72	Hemantharaja K	Basic of Remote Sensing, GIS & GNSS	Francis Xavier Engineering College	17th August 20 - 22nd August 20
73	Hemantharaja K	Recent Advances in Pavement Material Testing and Design	Misrimal Navajee Munoth Jain Engineering College	17th August 20 - 22nd August 20
74	Hemantharaja K	Proactive Analysis to Improve Road Safety on Indian Roads	CVR College of Engineering	23rd August 2020
75	Hemantharaja K	Cloud Computing	Nagpur Institute of Technology, Nagpur	18th August 2020
76	Hemantharaja K	A Road map of higher education in abroad with funding opportunities	Vishnu Institute of Technology	18th August 2020
77	Hemantharaja K	Introduction to polymer	Sri Eswar college of Engineering	18th August 2020
78	Hemantharaja K	Practical Aspects of Civil Engineering	Sethu Institute of Technology	3rd August - 8th August 2020
79	Hemantharaja K	Case Studies in Geotechnical Engineering - Emphasis on Site History	Vishnu Institute of Technology	13th August 2020
80	Hemantharaja K	Giving the Gift of Life - Organ Donation	KDK College of Engineering, Nagpur	13th August 2020
81	Hemantharaja K	PERPETUAL PAVEMENTS FOR SUSTAINABLE INFRASTRUCTURE	MATURI VENKATA SUBBA RAO (M.V.S.R) ENGINEERING COLLEGE	7th August 2020
82	Hemantharaja K	In built Quality - The Differentiator	Sri Eswar college of Engineering	11th August 2020
83	Hemantharaja K	Seismic Performance Assessment of RC Buildings	Gudlavalleru Engineering College	10th August 2020
84	Hemantharaja K	AI and IOT in Manufacturing	Sri Balaji Chockalingam Engineering College, ARNI	5th August 2020

85	Hemantharaja K	Thinking Smarter - Critical & Creative Thinking	Sri Eswar college of Engineering	8th August 2020
86	Hemantharaja K	Energy Efficiency and Green Buildings	Vidyavardhaka College of Engineering	8th August 2020
87	Hemantharaja K	Evolving as a Health Engineer	Sri Eswar college of Engineering	7th August 2020
88	Hemantharaja K	Urban Noise Pollution	Vidyavardhaka College of Engineering	7th August 2020
89	Hemantharaja K	An Insight into LEAN Methodology	Sri Eswar college of Engineering	6th August 2020
90	Hemantharaja K	IT Network Infrastructure - An Overview	Sri Eswar college of Engineering	6th August 2020
91	All Faculty	G+6 Building Design Using Tekla Structural Design	Civil Cente with KLU	27th August 2020
92	Dr.K.Marimuthu	Role of Guidance and career counselling in the perspective of present pandemic situation covid-19	Mankar college	5.8.2020&6.8.2020
93	All Faculty	G+6 Building Design Using Tekla Structural Design	Civil Center with KLU	27th August 2020
94	Mr. I. Siva Kishore	Biology in concrete	IFERP	20th September 2020
95	Mr. I. Siva Kishore	Recent advance in Civil Engineering	IFERP	11th September 2020
96	Mr. I. Siva Kishore	Scope opportunities and challenges for e - vehicle in India	IFERP	12th September 2020
97	Mr. I. Siva Kishore	National Education Policy	IFERP	13th September 2020
98	Mr. I. Siva Kishore	Personality development & winning attitude	IFERP	18th September 2020

99	Mr. I. Siva Kishore	Composite material	IFERP	26th September 2020
100	Mr. I. Siva Kishore	Long span bridge construction	IEI (India)	24th September 2020
101	Dr. Syed Hamim Jeelani	"Development of Assessment Methodologies and Smart Information System for Water Resources	St. Martin's Engineering College	03rd - 05th September 2020
102	Dr. Syed Hamim Jeelani	Fundamentals of Diamond and Precious stone Exploration	Geology survey of India/ Training Institute – Hyderabad	14th - 16th September 2020
103	Mr.J.D.Chaitanya Kumar	"Development of Assessment Methodologies and Smart Information System for Water Resources	St. Martin's Engineering College	03rd - 05th September 2020
104	Mr. N. Lingeshwaran	"Soft Computing Techniques in Civil Engineering: Structures, Water Resources, Geotechnical	SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN	07th - 12th September 2020
105	Mr. N. Lingeshwaran	INNOVATIONS AND ADVANCEMENTS IN TRANSPORTATION ENGINEERING	Government College of Engineering, Keonjhar, Odisha	10th September 2020
106	Mr. N. Lingeshwaran	Geosynthetics in Pavements	MACCAFERRI	11th - 12th September 2020
107	Mr. N. Lingeshwaran	Outcome Based Education and Accreditation	G H RAISONI INSTITUTE OF ENGINEERING & TECHNOLOGY	11th September 2020
108	Mr. N. Lingeshwaran	Save Ozone Save Earth - 2020	Bhakta Kavi Narshin Mehta University	16th September 2020
109	Mr. N. Lingeshwaran	Smart and Sustainable Cities in India, (Issues and Challenges)	Indian Concrete Institute , Bengaluru Centre	19th September 2020
110	Mr. N. Lingeshwaran	Basic of Remote Sensing	Francis Xavier Engineering College	21st - 26th September 2020

111	Dr. A . Aravindhan	World ozone day - 2020	KL University	16th September 2020
112	Dr. Ashwin Raut	Quality Enhancement & Sustenance in higher education Institution	KL University	19th September 2020
113	Hemantharaja Kommineni	OBE and Accreditation for Engineering Colleges	G H Rasoni Institute of Engineering & Technology	11th September 2020
114	Hemantharaja Kommineni	Innovations in Construction Practices	K L Deemed to be University	28 th - 29th September 2020
115	Hemantharaja Kommineni	Smart and Sustainable Cities in India (Issues and Challenges)	JSS Academy oTechnical Education	19th September 2020
116	Hemantharaja Kommineni	Seven correct steps for Concrete Making	QCRETE READYMIX (INDIA) PVT LTD	12th September 2020
117	Hemantharaja Kommineni	Save Ozon Save Earth-2020	Bhaktakavi Narsinh Mehta University	16th September 2020
118	Hemantharaja Kommineni	Quality Enhancement and sustenance in Higher Education Institutions	K L Deemed to be University	19th September 2020
119	Hemantharaja Kommineni	National Education Policy 2020 - Higher Education Perspectives	NITTTR Bhopal	17th September 2020
120	Hemantharaja Kommineni	Drone Surveying and Mapping via GIS Software held	Jaypee University of Engineering and Technology	12th September 2020
121	Hemantharaja Kommineni	Career Opportunities in Transportation Engineering	Jaypee University of Engineering & Technology	19th September 2020
122	Hemantharaja Kommineni	Innovations and Advancements In Transportation Engineering	Government College of Engineering Keonjhar, Odisha	10th September 2020



123	Hemantharaja Kommineni	Structural Life Assessment and Failure Diagnosis	Mepco Schlenk Engineering College, Sivakasi	14th - 19th September 2020
124	Hemantharaja Kommineni	Soft Computing Techniques in Civil Engineering	Shri Vishnu Engineering College for Women	07th - 12th September 2020
125	Hemantharaja Kommineni	Short term Course on Sustainable Pavement Current Research and Practices	Indira Gandhi Institute of Technology Sarang, Dhenkanal, Odisha	11th - 15th September 2020
126	Hemantharaja Kommineni	Emerging Trends and Practices in Pavement Geotechnics	Thangal Kunju Musaliar College of Engineering	01st - 06th September 2020
127	Hemantharaja Kommineni	Basic of Remote Sensing, GIS and Global navigation Satellite System	Francis Xavier Engineering College	21st - 26th September 2020
128	Hemantharaja Kommineni	International E-Summit on Artificial Intelligence and Machine Learning	Nagpur Institute of Technology	26th - 28th September 2020
129	All Faculty	National Workshop Innovation in Construction Practices	KL University	28th - 29th September 2020
130	Dr. Naga Chaitanya Kavuri	International E-Summit on Artificial Intelligence and Machine Learning	Nagpur Institute of Technology	26th - 28th September 2020
131	Mr.J.D.CHAITAN YA KUMAR	Development of Assessment Methodologies and smart information system for water resources	St.Martin's Engineering College	3rd -5th September 2020
132	Dr.Ch Hanumantha Rao	National Education policy	National Institute of Technical Teachers Training and research	17-Sep-20
133	Dr.Ch Hanumantha Rao	Outcome Based Education and Accreditation	GH Rasoni Institute of Engineering & Technology	11-Sep-20
134	Dr.Ch Hanumantha Rao	Quality Enhancement and sustenance in Higher Education Institutions	KL University	19th September 2020

## Faculty Publications

Visalakshi B.S.S, **Sri Harsha G**, “Enhancement of Shear strength of deep beams using hybrid fibres and suggesting alternative for strut and tie model”, *Materials Today: Proceedings*, July 2020.

SowmyaMunagala, **Durga Chaitanya KumarJagarapu**, Ratnamala ReddyB.S.S, “Determination of water quality index for ground water near municipal dump site in Guntur”,*Materials Today: Proceedings*, July 2020.

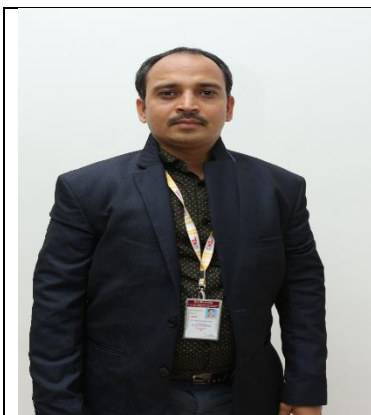
Bharath ChandraV, J **Brahma ChariK**,V.Ranga Rao,“The comprehensive analytical investigation on blended cement concrete beams with glass fibers under flexural loading ”,*Materials Today: Proceedings*, July 2020.

Venkata Krishna Bhargavav, **Brahma Chari K.J**, V.Ranga Rao, “Experimental investigation of M40 grade concrete with supplementary cementitious materials and glass fiber”, *Materials Today: Proceedings*, July 2020.

Khan Asudullah Khan , **Ashwin Raut** , C. Rama Chandrudu ,C. Sashidhar “ Design and development of sustainable geopolymer using industrial copper by product *Journal of Cleaner Production*”, 278 (2021) 123565.August 2020.

Pesaralanka, V., **Khed, V.C.**, 2020. Flowability and compressive strength test on self compacting mortar using graphene oxide. *Materials Today: Proceedings*, August 2020.

Kunchala Surender Kumar, **Lingeshwaran N**, “Analysis of Residential Building with STAAD. Pro & ETABS”, *Materials Today: Proceedings*, August 2020.



**Dr. Veerendrakumar C Khed** is an Associate professor in the department of Civil Engineering at KL University. He earned **bachelor's degree** in civil engineering in 2008 and **M Tech** degree in Structural Engineering in 2011 from **PDA college of Engineering** Kalaburagi. He was received **PhD** degree from **University Technology Petronas (UTP), Malaysia** in March 2019. He has 5 years of **industrial experience as Structural Design Engineer**.

His research interests widespread in statistical optimization of cementitious composite structures, rubbercrete, nanomaterials, fibre reinforced concrete, pervious concrete. Majority of his work has been on developing the high-performance viable construction materials as an alternative to traditional construction materials. He has **published** 14 Scopus Indexed and 4 **SCI articles** in the field of structural engineering at various International Journals and conferences. He was also involved in **review** of various **Elsevier journals**. He was awarded with **Graduate assistantship award** during PhD at UTP, Malaysia for publishing the articles in Q1 journals.

Also, he is a practicing Structural Design Engineer, where he designs the tall structures such residential and commercial building by optimising the various structural forms. During his experience as a structural Engineer, he was involved in the design of several medium to tall residential, commercial, and industrial structures using the IS code, BS code, Euro code.

## Activities by CEA

### Teachers Day

Members of Civil Engineering Association of Department of Civil Engineering had organized **Teachers Day Celebration** on 5<sup>th</sup> September 2020 to show their gratitude towards teachers.



## 53<sup>rd</sup> ENGINEERS DAY

Members of Civil Engineering Association of Department of Civil Engineering had celebrated **53<sup>rd</sup> ENGINEERS DAY** on 15<sup>th</sup> September 2020, during which CEA had organized the following events.

1. Live Webinar on **“Sustainable Civil Engineering Practices for Shreshtha Bharat”** by **Er. Y. Guru Prasad, Executive Engineer, Polavaram Project, Andhra Pradesh.**

2. **One Pre-Event on Photography and Five Live Events** (Technical quiz, Poster Presentation, Virtual Tour, FAQ (Frame a Question), JAM (Just a Minute)).

Students from various institutes across the country participated in the events

## World Ozone Day

On the eve of World Ozone Day on 16 September 2020 Civil Engineering Association of Department of Civil Engineering had organized seminar on **“Ozone For Life”**. Seminar was convened by **Dr. Kakoli Karar Paul**, Associate Professor, Department of Civil Engineering, NIT Rourkela on “Introduction to Air Pollution”, followed by **Dr. Jamiu Adetayo Adeniran**, Senior Lecturer with the Department of Chemical Engineering, University of Ilorin, Nigeria, seminar was ended with a presentation on “Effects of Ozone in Atmosphere” by **Dr. Namuduri Srinivas HOD, Department of Environmental Sciences, GITAM University**


**Department of  
Civil Engineering**






## WORLD OZONE DAY



Seminar on

**"OZONE FOR LIFE"**

E-CERTIFICATES SHALL BE PROVIDED

**16<sup>th</sup>  
OF SEPT  
@ 4PM**

### SPEAKERS FOR THE SEMINAR



**Dr KAKOLI KARAR PAUL**  
ASSOCIATE PROFESSOR, DEPT. OF CIVIL ENGINEERING  
KJ Somaiya Institute of Engineering & Technology



**Dr NAMUDURI SRINIVAS**  
HEAD DEPT. OF ENVIRONMENTAL SCIENCE  
GITAM UNIVERSITY






**Dr JAMIU ADETAYO ADENIRAN**  
HEAD, ATMOSPHERIC CHEMISTRY & DEVELOPMENTAL LAB  
UNIVERSITY OF ALABAMA, MOBILE

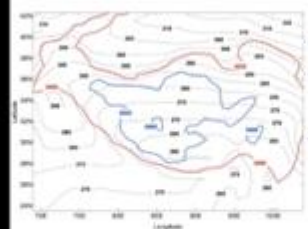
Further Information Please Contact:  
Dr. K. Naga Chaitanya, **+91 - 7659889385** and Dr. Sujatha, **+91 - 9908925641**

**PLATFORM: GOTOMEETING**

WEBINAR LINK IS <https://global.gotomeeting.com/join/945839605>

### Ozone over the TP Region



- SCIAMACHY ozone profile data used
- Low ozone concentration region in the southeast Tibetan Plateau with a minimum value of 250 DU
- Ozone number density maximizes by season rank as follows: summer, autumn, spring, and winter

Figure 14 : The distribution of TCO over the TP averaged from November 1978 to July 2016  
Source: Chen et al.(2017)

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**Sea level rise** : Sea-level rise could have a number of physical impacts on coastal areas, including loss of land due to inundation and erosion, increased flooding, and salt-water intrusion.

**Health** : Global warming will directly affect human health by increasing cases of heat stress.

**Forests and wildlife** : The ecosystems that are most likely to be affected by this change are the ones in the higher latitudes, the tundra forests. Polar regions and coastal regions also effected

**Marine life** :Corals are known as the tropical forests of the oceans and sustain diverse life forms. As ocean waters in the tropics become warmer, the damage to coral reefs seems to be increasing.

## Students Achievements/External Participation

35 Students of **IV/IV B.Tech** were Selected (Nation Wide) for an online “Live project” for one month Internship program by ECONSTRUCT DESIGN & BUILD PVT, Bangalore

**Mr.P. Harshith** ,of II/IV B. Tech had secured I Prize in Technical Quiz conducted by CEA of Department of Civil Engineering, KLEF on the eve of 53<sup>rd</sup> Engineers Day on September 15,2020



**Mr.Y.Chandradeep** ,of II/IV B. Tech had secured II Prize in Technical Quiz conducted by CEA of Department of Civil Engineering ,KLEF on the eve of 53<sup>rd</sup> Engineers Day on September 15,2020

**Ms.V.Jahnavi** of II/IV B.Tech had secured III Prize in Technical Quiz conducted by CEA of Department of Civil Engineering, KLEF on the eve of 53<sup>rd</sup> Engineers Day on September 15,2020

**Mr.S.Sai Srinivas** of II/IV B.Tech had secured II Prize in Just A minute contest conducted by CEA of Department of Civil Engineering, KLEF on the eve of 53<sup>rd</sup> Engineers Day on September 15,2020

**Mr.Tulasi Sai Krishna** of II/II M.Tech had secured II Prize in “FAQ (Frame a Question)”contest conducted by CEA of Department of Civil Engineering, KLEF on the eve of 53<sup>rd</sup> Engineers Day on September 15,2020

**Mr.N.Naga Praveen** of IV/IV B.Tech had secured III Prize in “FAQ (Frame a Question)”contest conducted by CEA of Department of Civil Engineering, KLEF on the eve of 53<sup>rd</sup> Engineers Day on September 15,2020

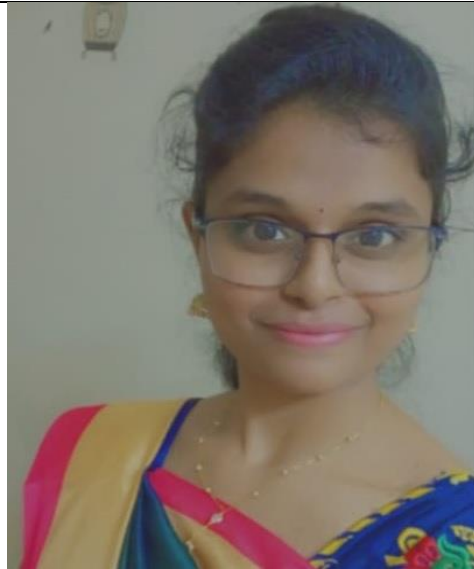
**Mr.P.Sai Kartik** of II/IV B.Tech had secured I Prize in “Virtual Tour” contest conducted by CEA of Department of Civil Engineering, KLEF on the eve of 53<sup>rd</sup> Engineers Day on September 15,2020

**Mr.K.Jagadeesh Chandra** of IV/IV B.Tech had secured II Prize in “Virtual Tour” contest conducted by CEA of Department of Civil Engineering, KLEF on the eve of 53<sup>rd</sup> Engineers Day on September 15,2020

**Mr.K.Aditya Krishna** of II/IV B.Tech had secured III Prize in “Virtual Tour” contest conducted by CEA of Department of Civil Engineering, KLEF on the eve of 53<sup>rd</sup> Engineers Day on September 15,2020

**Ms.G.Keerti** of IV/IV B.Tech had secured II Prize in “Poster Making” contest conducted by CEA of Department of Civil Engineering, KLEF on the eve of 53<sup>rd</sup> Engineers Day on September 15,2020

**Mr.K.Darshan** of IV/IV B.Tech had secured III Prize in “Poster Making” contest conducted by CEA of Department of Civil Engineering, KLEF on the eve of 53<sup>rd</sup> Engineers Day on September 15,2020



I am S. V. Dharani Reddy of II/IV B.Tech Civil Engineering , of KL University. It is said that “college life teaches you life”. So, when I talk about my college life I've experienced so far, I would say that my University gave me most of the best days of my life!!

The first and foremost thing to mention about my life at KLU is the exuberant environment. The moment you enter the college, you can feel the tranquil aura of nature which reinvigorates your soul!! Which in turn helps you concentrate on all the things you learn!!

And the second thing is the people over here. Here, friends become family, and faculty become friends. Faculty start to treat you as their own child the moment you enter your campus!! Faculty makes you feel comfortable in a way that you can share your thoughts, fears, doubts which help you become a confident person in your life.

The third thing is that it taught me entrepreneurship skills and gave the chance to everyone to understand that knowledge is the key, and supported the ones with that knowledge as much as it can .You can witness the words putting into actions and motivates the students through various webinars,orientation classes!!

The fourth and final thing is that I got a chance to learn as well as to explore all my interests as much as I can. The hobby clubs, national level fests give wings to the students as they are a

student lead events/bodies, which means, gaining the leadership qualities, organizing, and managing even before you enter the outside world.

Comprehensively, my college gave me a family, amazing faculty to teach, wings to fly high and explore, opportunities to learn about the outside world, and memories for life!!