KLEF DEPARTMENT OF CIVIL ENGINEERING Newsletter, January-March 2021

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

"ADVANCES IN CONCRETE TECHNOLOGY"

Department of Civil Engineering organized one day workshop on "ADVANCES IN CONCRETE TECHNOLOGY" on 27th February, 2021. Sessions were convened by the eminent personal from academia and Industry.

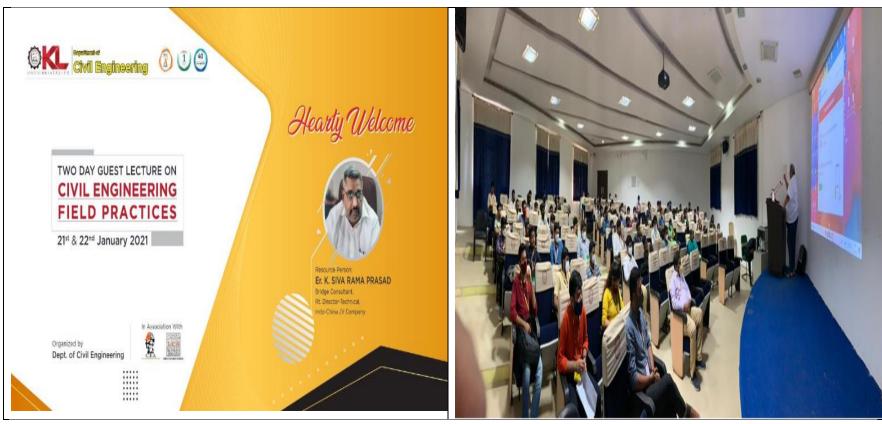


Guest Lectures

Mr. S.E.Naga Pavan Kumar, Associate Engineer, Megha Engineering Infrastructutre Limited presented the lecture on "Life at Site" on 9th January, 2021.Lecture was attended by B.Tech and M.Tech students of the Department of Civil Engineering.



Mr. KSR PRASAD, BRIDGE CONSULTANT, School of Planning and Architecture, Vijayawada. delivered the lecture on "Civil Engineeing Field Practices" on 21st & 22nd Jan 2021. Lecture was attended by the B. Tech students of the Department of Civil Engineering.



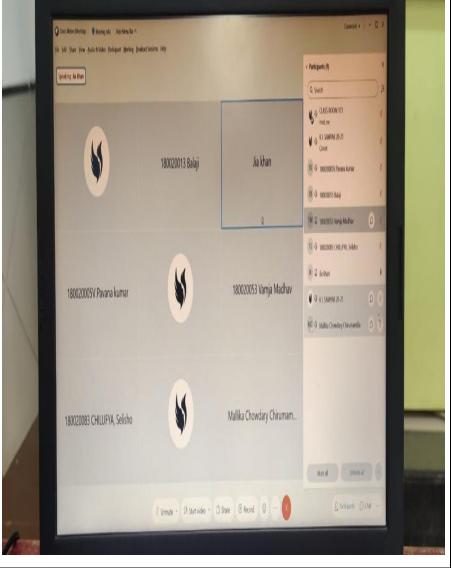
Webinars/Events

Firoz Kamarudeen Senior Engineer - Planning and Cost Control, Kuwait Integrated Petroleum Industries Company, Kuwait. had delivered the online guest lecture on on "Fundamentals of Project Management" on 22nd Jan. 2020.Lecture was attended by M.Tech students of the Department of Civil Engineering.



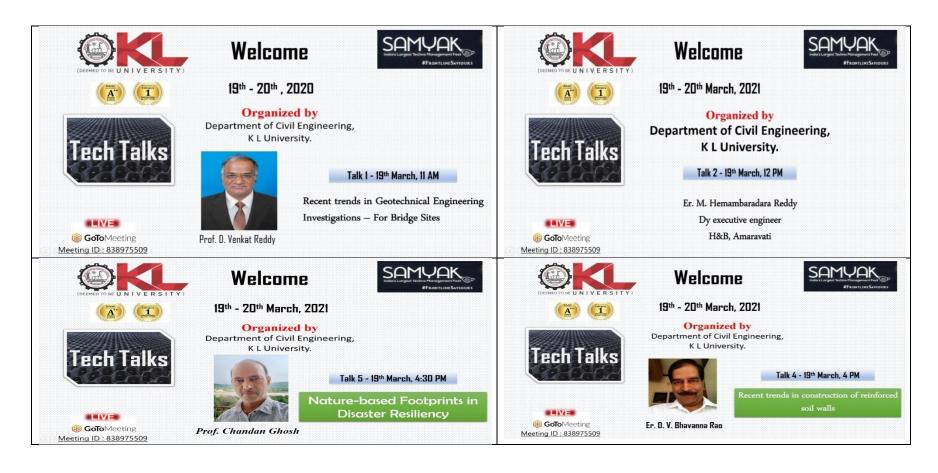
Department of Civil Engineering had organized 12 Technical Events and 5 Mega Events in blended mode as part of University Techno Management Festival "SAMYAK 2021" during 19th -20th March 2021.100 plus participants had registered in each event. Cash Prizes of 5 Lakh worth was awarded to prize winners of all the events.





Tech Talks

As part of University Techno Management Festival "SAMYAK 2021" during 19th -20th March 2021 Department of Civil Engineering had organized 7 Technical Talks by Eminent personal from Academia and Industry.





WORLD WATER DAY 2021

Mr. James E. Samuel, Assistant Manager, Technical & Academy ,DHI(India) water & Environment Pvt Ltd Danish Hydraulic Institute ,Denmark had presented online guest lecture on "Introduction to DHI and water solutions using Mike" on 23-03-2021 on the occasion of World water day 2021. Lecture was attended by B.Tech and M.Tech students of the Department of Civil Engineering.



Faculty Achievements:

Ashwin Raut, selected as a Co-Principal Investigator for a research project on "Structural Health Monitoring and Rehabilitation Concrete Structures" from King Khalid University, KINGDOM OF SAUDI ARABIA , Ministry Of Education.

M. Achyutha Kumar Reddy, received a patent for his work on concrete technology with the title of the invention as "A Method of Preparation of Reinforced Cement Concrete Columns".

Mr. Lingeswaram received the Indian Scholar of the Year Award from Indian Book of Records for his outstanding contribution towards academic excellence.

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

FDP

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

S.N o	Name of the faculty	Name of the FDP	Details of the University/Institute organizing FDP	Duration
1	Mr. K. Hemantha Raja	Shallow and Deep Foundations	Andhra University	25.1.2021 &6.2.2021
2	Mr. K. Hemantha Raja	Numerical Modelling in Geotechnical Applications, Hydrology and Environmental Quality Monitoring	Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering And Technology	15/02/2021 to 27/02/2021
3	Mr. K. Hemantha Raja	Role of Transportation Engineers Towards Sustainable Roads and Traffic	Shri Vishnu Engineering College for Women	22/02/2021 to 27/02/2021

		Safety		
4	Mr. N. Lingeshwaran	Numerical Modelling in Geotechnical Applications, Hydrology and Environmental Quality Monitoring	Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering And Technology	15/02/2021 to 27/02/2021
5	Mr. N. Lingeshwaran	Role of Transportation Engineers Towards Sustainable Roads and Traffic Safety	Shri Vishnu Engineering College for Women	22/02/2021 to 27/02/2021
6	Dr. A. V. Rao	Role of Transportation Engineers Towards Sustainable Roads and Traffic Safety	Shri Vishnu Engineering College for Women	22/02/2021 to 27/02/2021
7	Mr. M. Satheesh	Numerical Modelling in Geotechnical Applications, Hydrology and Environmental Quality Monitoring	Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering And Technology	15/02/2021 to 27/02/2021
8	Mr. G. SRI HARSHA	Numerical Modelling in Geotechnical Applications, Hydrology and Environmental Quality Monitoring	Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering And Technology	15/02/2021 to 27/02/2021
9	Mr. I. SIvakishore	Numerical Modelling in Geotechnical Applications, Hydrology and Environmental Quality Monitoring	Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering And Technology	15/02/2021 to 27/02/2021
10	Mr. Sandeep Kuamr Namburu	Transportation Geotechnics	LBS Institiute of Technology for Women, Thiruvananthapuram	15/02/2021 to 19/02/2021
11	Dr. A.Aravindan	Smart Materials And Technologies In Civil Engineering	College of Engineering Kidangoor	22/02/2021 to 26/02/2021
12	Dr. Ashwin Raut	Role of Transportation Engineers Towards Sustainable Roads and Traffic Safety	Shri Vishnu Engineering College for Women	22/02/2021 to 27/02/2021

10	Mr. N. Lingeshwaran	Innovations in Civil Engineering	Gudlavalleru Engineering College	22/03/2021 to 27/03/2021
13	Mr. K.J. Brahma Chari	Innovations in Civil Engineering	Gudlavalleru Engineering College	22/03/2021 to 27/03/2021
15	Mr. M. Achuyth Kumar Reddy	Innovations in Civil Engineering	Gudlavalleru Engineering College	22/03/2021 to 27/03/2021
16	Mr. M. Anil Kumar	Innovations in Civil Engineering	Gudlavalleru Engineering College	22/03/2021 to 27/03/2021
17	Mr. J Durga Chaitanya Kumar	Innovations in Civil Engineering	Gudlavalleru Engineering College	22/03/2021 to 27/03/2021
18	Mr. N. Sandeep Kumar Namburu	Innovations in Civil Engineering	Gudlavalleru Engineering College	22/03/2021 to 27/03/2021
19	Mr. T. Venkat Das	Innovations in Civil Engineering	Gudlavalleru Engineering College	22/03/2021 to 27/03/2021
20	Mr. Sateesh Babu Madavarapu	Innovations in Civil Engineering	Gudlavalleru Engineering College	22/03/2021 to 27/03/2021
21	Mr. K. Hemantha Raja	Innovations in Civil Engineering	Gudlavalleru Engineering College	22/03/2021 to 27/03/2021
22	Mr. Sateesh Babu Madavarapu	Role of Transportation Engineers Towards Sustainable Roads and Traffic Safety	Shri Vishnu Engineering College for Women	22-02-2021 to 27- 02-2021
23	Mr. N. Lingeshwaran	Role of Transportation Engineers Towards Sustainable Roads and Traffic Safety	Shri Vishnu Engineering College for Women	22-02-2021 to 27- 02-2021
24	DR.A.V.RAO	Role of Transportation Engineers	Shri Vishnu Engineering College for Women	22-02-2021 to 27-

		Towards Sustainable Roads and Traffic Safety		02-2021
25	Chirumamilla.Mallika Chowdary	Modern Construction Managament& Techniques	Aravali Institute of Technology Studies	02/03/2021 to 06/03/2021
26	Mr. K. Hemantha Raja	Recent practices in Design and Construction of Flexible and Rigid Pavements	Poojya Doddappa Appa College of Engineering, Kalaburagi. Karnataka	18/03/2021 to 23/03/2021

Workshops, Seminars and Webinars

S.No	Name of the faculty	Name of the Conference/ Workshops/ Seminars/Webinar	Details of the University/Institute organizing program	Duration
	Mr. Gnana Rahul	Safer Roads/Discussion on plan for rectication of	Ministry of Road Transport and	03/02/2021 to
1	Bodapati	Black	Highways	04/02/2021
	Mr Sandeep	Safer Roads/Discussion on plan for rectication of	Ministry of Road Transport and	03/02/2021 to
2	Kumar Namburu	Black	Highways	04/02/2021
	Mr. K. Hemantha	Safer Roads/Discussion on plan for rectication of	Ministry of Road Transport and	03/02/2021 to
3	Raja	Black	Highways	04/02/2021
		Evaluvation of the effective mechanical properties		
		of palm oil fuel ash based fiber reinforced concrete		12/02/2021 to
4	Mr. T. Venkat Das	- ICAMCS 2021	S. S. N Engineering College, Chennai	13/02/2021

5	Mr. Durga Chaitanya Kumar Jagarapu	Evaluvation of the effective mechanical properties of palm oil fuel ash based fiber reinforced concrete - ICAMCS 2021	S. S. N Engineering College, Chennai	12/02/2021 to 13/02/2021
6	Mr. G. SRI HARSHA	Three Dimensional Finite Element Analysis On The Flexural Behaviour Of Composite Beams Under Linear Displacement - ICAMCS 2021	S. S. N Engineering College, Chennai	12/02/2021 to 13/02/2021
7	Mr. I. Slvakishore	Investigation of cold form steel open channel element under gravity loads - ICAMCS 2021	S. S. N Engineering College, Chennai	12/02/2021 to 13/02/2021
8	Mr. Durga Chaitanya Kumar Jagarapu	Sustainable Use Of Polypropylene Fibers And Palm Oil Fuel Ash In The Production Of Geopolymer Concrete	S. S. N Engineering College, Chennai	12/02/2021 to 13/02/2021
9	Mrs. Mallika Chowdary Chirumamilla	Reference tool, Citation and Plagiarism	My Inn Log	13/02/2021 to 14/02/2021
10	Mr. Achyutha Kumar Reddy	Sustainable Technology and Development- Environment Impact	KLEF	22/02/2021 to 23/02/2021
11	Mr. T. Venkat Das	Sustainable Technology and Development- Environment Impact	KLEF	22/02/2021 to 23/02/2021
12	Mr. Sandeep KuamrNamburu	Sustainable Technology and Development- Environment Impact	KLEF	22/02/2021 to 23/02/2021
13	Mr. M. Anil Kumar	Sustainable Technology and Development- Environment Impact	KLEF	22/02/2021 to 23/02/2021
14	Mr. T. Venkat Das	Evaluvation of the effective mechanical properties of palm oil fuel ash based fiber reinforced concrete - ICAMCS 2021	S. S. N Engineering College, Chennai	12/02/2021 to 13/02/2021

15	Mr. DURGA CHAITANYA KUMAR JAGARAPU	Evaluvation of the effective mechanical properties of palm oil fuel ash based fiber reinforced concrete - ICAMCS 2021	S. S. N Engineering College, Chennai	12/02/2021 to 13/02/2021
16	Mr. G. SRI HARSHA	THREE DIMENSIONAL FINITE ELEMENT ANALYSIS ON THE FLEXURAL BEHAVIOUR OF COMPOSITE BEAMS UNDER LINEAR DISPLACEMENT - ICAMCS 2021	S. S. N Engineering College, Chennai	12/02/2021 to 13/02/2021
17	Mr. I. Slvakishore	Investigation of cold form steel open channel element under gravity loads - ICAMCS 2021	S. S. N Engineering College, Chennai	12/02/2021 to 13/02/2021
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23	Mr. M. Anil Kumar	Sustainable Technology and Development- Environment Impact	KLEF	22/02/2021 to 23/02/2021
24	Mr. I. Siva Kishore	"Smart Cities GOI: A Multidisciplinary Aspects of Civil Engineering	Jaypee University of Engineering And Technology, Guna	27/03/2021

25	Er. Ch.Mallika Chowdary	"Smart Cities GOI: A Multidisciplinary Aspects of Civil Engineering	Jaypee University of Engineering And Technology, Guna	27/03/2021
26	Chirumamilla.Ma llika Chowdary	Planning And Drafting Of Approval Drawing	Kings College of Engineering	26/03/2021
27	Mr. Sateesh Babu Madavarapu	Planning And Drafting Of Approval Drawing	Kings College of Engineering	26/03/2021

Conferences

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1	Mr. T. Venkat Das	Evaluvation of the effective mechanical properties of palm oil fuel ash based fiber reinforced concrete - ICAMCS 2021	S. S. N Engineering College, Chennai	12/02/2021 to 13/02/2021
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4	Mr. I. Slvakishore	Investigation of cold form steel open channel element under gravity loads - ICAMCS 2021	S. S. N Engineering College, Chennai	12/02/2021 to 13/02/2021
5	Mr. Durga Chaitanya Kumar Jagarapu	SUSTAINABLE USE OF POLYPROPYLENE FIBERS AND PALM OIL FUEL ASH IN THE PRODUCTION OF GEOPOLYMER CONCRETE	S. S. N Engineering College, Chennai	12/02/2021 to 13/02/2021

6	Mr. Kanneganti Jyothishya Brahma Chari	Experimental studies on durability properties of composite materials by incorporating GGBS and fly ash in reinforced cement concrete	Manipal University, Jaipur	18/03/2021 to 19/03/2021
7	Mr. M. Achuytya Kumar Reddy	Comparative Study On Effect Of Various Frp Wrappings With Varying Patterns On Load Bearing Capacity Of Confined Concrete Columns	Manipal University, Jaipur	18/03/2021 to 19/03/2021
8	Mr. K. Hemantha Raja	International E-conference on Molecules to Materials for Sustainability in XXI Century MMS- 2021	GITAM Deemed to be University, Visakhapatnam	08/03/2021 to 09/03/2021
9	Mr. K. Hemantha Raja	National web conference on Challenges and Innovations in Engineering and Technology	Ramco Institue of Technology,Rajyapalem	19/03/2021 to 20/03/2021

Faculty Publications

M. Achyutha Kumar Reddy, V. Ranga Rao, Veerendrakumar C Khed"Optimization Calcined Bentonite Utilization In Cement Concrete Using Response Surface Methodology", International Journal of Engineering Trends and Technology, March 2021.

M. Achyutha Kumar Reddy, V. Ranga Rao, Veerendrakumar C Khed, "Optimization of Bentocrete parameters using Response Surface Methodology (RSM)", AIMS Materials Science, March 2021.

Industrial Tour/Field Visit

Department of Civil Engineering had arranged field visit for III/IV and IV /IV B.Tech Civil Engineering students to Benz Circle flyover ,Viayawada and Hanuman Junction six-lane highway expansion works on January 27 2021, where the students were briefed about the various bridge construction procedures and quality control works at site.



Department of Civil Engineering had arranged Industrial visit for III/IV and IV /IV B.Tech Civil Engineering students to Kondapalli Bitumen Hot Mix Plant (DPCR Work Site) on January 28, 2021, where the students were briefed about the

preparation of Bituminious mix and laying of WBM road by MR.Shayam Chamberlin ,Assistant Professor ,Department of Civil Engineering, KLEF.



CEA Events

Donation Drive

Department of Civil Engineering, had organized a Donation Drive, on the occasion of 72nd Republic Day Celebrations, a amount of Rs.4000 was collected from the faculty and was disbursed to the Yuvataram Orphanage home, Vaddeswaram, Guntur District, Andhra Pradesh in the form of groceries.



Team CEA, voluntarily raised a fund amount of Rs.30,000/- from the students and faculty of the Civil Engineering Department towards the surgery of the Child in need .The cheque was directly handed over to the Dean of the Student Affairs by the CEA Team.

Road Safety Week

Civil engineering students conducted a road safety pledge for creating awareness among the people of the Mangalagiri, A.P. during 18th January 2021 to 17th February 2021 "Road Safety Week", as part of month-long campaign "National Road Safety Month".





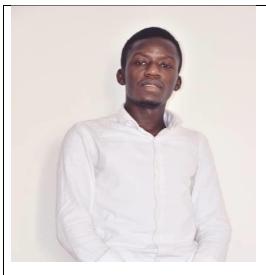
Students Achievements/External Participation

Mr. Abin Raj of **III/IV B.Tech** secured I Prize in the Article Writing Competition (Democracy vs Republic in Indian Context) organized by School of Architecture, in occasion with Center of Extension Activities (CEA) on the occasion of Republic Day 2021.

Ms .Keerthi Gaddam of **IV/IV B.Tech** on the occasion of International Women's Day Celebrations, received an appreciation award from Women's Forum (KLEF) for securing highest C.G.P.A.

Ms .V Jahnavi of **III/IV B.Tech** on the occasion of International Women's Day Celebrations, received an appreciation award from Women's Forum (KLEF) for securing highest C.G.P.A.

Ms . M Varalakshmi of **II /IV B.Tech** on the occasion of International Women's Day Celebrations, received an appreciation award from Women's Forum (KLEF) for securing highest C.G.P.A.



I am ALIKER ELIZAH, a first-year student pursuing B. Tech in Civil Engineering in KL University. I am from Uganda, East Africa. I would like to speak about my experience at college so far. Being a reserved person, I always loved to stay quiet among friends but I seem to realize clearly my capability and ability to speak up for the time so far spent at KL. This is because of the system of learning used in this campus. For example, students are given a leveled ground during lectures to express their ideas and the faculty is friendly to students and has always engaged me in to discussions which has helped me to cope with life here pretty fast. The faculty also endeavors to inform me and the other students in time in case of any changes made in lectures or assignments schedules and this has made it easier for me to fit in the system.

Talking about academics which is the main reason why I came to this great institution. The faculty ensures that everyone leaves the lecture room without even a single doubt and also makes himself available and accessible by students for any consultation not only around the campus but also through various social media platforms. The study is hands on based and that helps to build on my

experience and exposure since am going to join the employment world immediately after completion of my course.

Coming to activities like workshops and festivals, I have so far enjoyed a number of festivals here such as Samyak and I also participated in flummox which broadened my thinking ability. The various activities in Samyak introduced me to the whole package of Indian culture and has also exposed me to the beauty of the well embraced culture here at campus.

Ultimately, the green environment at KL campus is conducive for learning and there are plenty of shades where one can sit and experience the beauty of nature and relax. In conclusion, KL University to me is a home away from home.