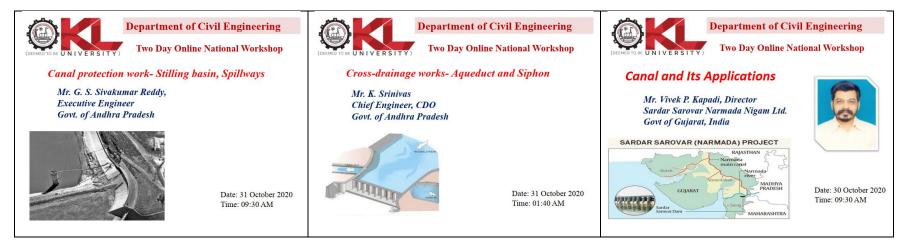
## KLEF DEPARTMENT OF CIVIL ENGINEERING Newsletter, October-December 2020

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

## "Design of Irrigation Canal System (DICS-2020)"

Department of Civil Engineering organised two day online workshop on "**Design of Irrigation Canal System** (**DICS-2020**)" on 30<sup>th</sup> and 31<sup>st</sup> October 2020.Sessions were convened by the eminent personal from various Govt Organizations.

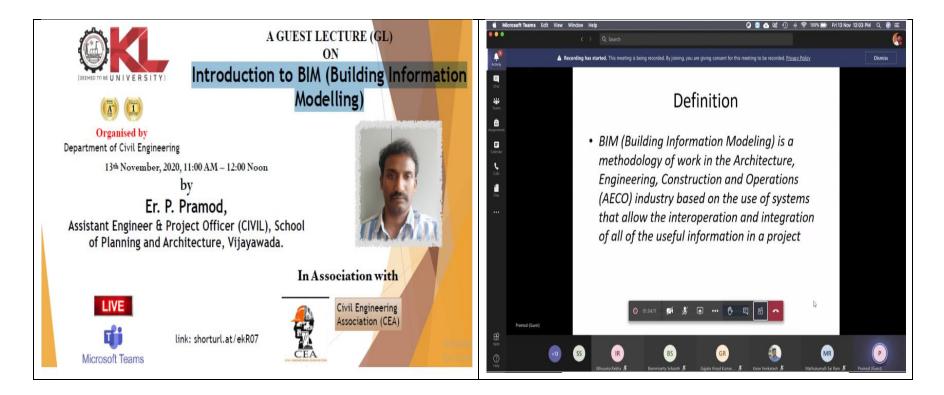




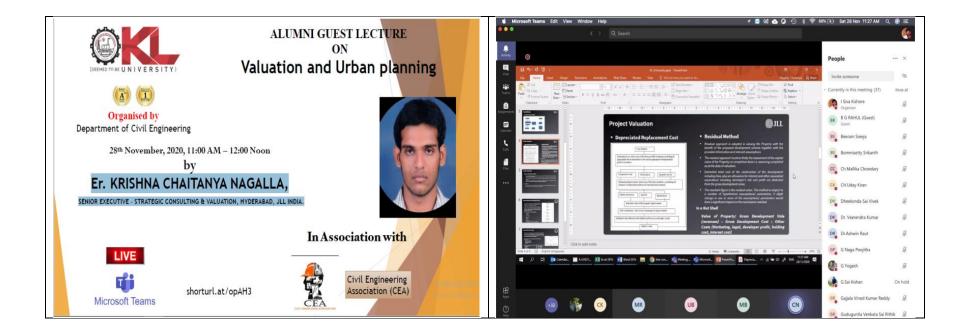
Mr. Abdul Rawoof, Manager, QA & QC Civil, L&T Construction presented the lecture on "Construction Industry, Growth Prospects and Post Covid-19 Situations" on 18<sup>th</sup> October, 2020.Lecture was attended by B.Tech and M.Tech students of the Department of Civil Engineering.



**P. Pramod, Assistant Engineer & Project Officer (CIVIL)**, School of Planning and Architecture, Vijayawada. delivered the online lecture on "Introduction to BIM (Building Information Modelling)" on 13th November, 2020.Lecture was attended by the M.Tech students of the Department of Civil Engineering.



**Krishna Chaitanya Nagalla**, Senior Executive – Strategic Consulting & Valuation, Hyderabad, Jll India., had delivered the online guest lecture on on "Valuation and Urban Planning" on 28th November, 2020 ". .Lecture was attended by M.Tech students of the Department of Civil Engineering.



**Dr. B. Kameswara Rao, Professor, Department of Civil Engineering, KLEF, A.P. India** delivered the online lecture on "Damp Proof Course (DPC)" on 24<sup>th</sup> December, 2020.Lecture was attended by the M.Tech students of the Department of Civil Engineering.



## EXPERT LECTURE ON DAMP PROOF COURSE (DPC)



Organised by Department of Civil Engineering

24th December, 2020, 11:00 AM - 12:00 Noon

## by Dr. B. Kameshwara Rao,

PROFESSOR, DEPARTMENT OF CIVIL ENGINEERING, KLEF.

In Association with



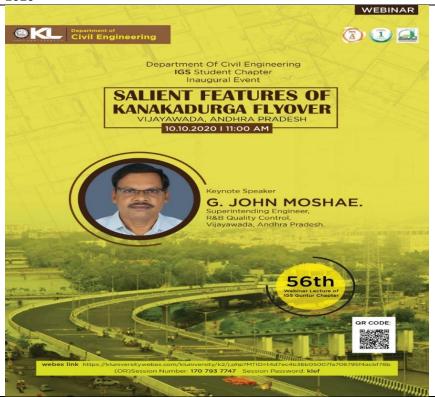
shorturl.at/op014



Civil Engineering Association (CEA)

#### Webinars/Events

Department of Civil Engineering established a Student Chapter of Indian Geotechnical Society (IGS) under IGS – Guntur Chapter on 10th October 2020



On this occasion John Moshae ,Superintending Engineer ,R&B Quality Control ,Vijayawada had given online webinar on "Salient Features of Kanakadurga Flyover,Viayawada ,Andhra Pradesh" .Webinar was attended by faculty and students of various institutions across the state.

## MoU Signed by the Department of Civil Engineering.

Lakshmi Infrastructure & Developers India Pvt Ltd (LIDIPL),



Department of Civil Engineering ,KLEF signed an MoU with Lakshmi Infrastructure & Developers India Pvt Ltd (LIDIPL), on 28<sup>th</sup> October 2020 for sharing the knowledge in the highway/transportation sector. The MoU aims to strengthen industry -institution gap ,and familiarize the students with the latest trends in Industry by offering Internships for B.Tech and M.Tech Students.

#### **Faculty Achievements**:

Ashwin Raut, Speaker, "Acheving Functional and Build Quality Through Sustainable Construction Practices-LCA Approach", Expert Webinar 10 October 2020 at Nagpur Institute of Technology.

**Syed Hamm Jeelani**, Resource Person, "A case study from Lonar crater", Webinar 05 December 2020 at Prakriti Educational Services, Maharastra.

**Lingeshwaran**, Resource Person, "9anagement9n to CPM & BIM – A Practical course with software tools and execution of buildings", Webinar 11 December 2020 at V.R.S College of Engineering & Technology.

Lingeswaran certified as a reviewer for Materials Today.

**Lingeshwaran**, Assistant professor got "Indian Excellency Award" from Indian Book of Records. **Lingeshwaran**, got Lead Indian Award 2020 from Indian Book of Records.

Lingeshwaran, Assistant professor got "Top 100 International Distinguished Researchers Award 2020"

Anil Kumar, selected as "Co-ordinator of Academic + Industry Intraction Events" by Econstruct Design & Build Pvt Ltd.

# 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 for enrichment of knowledge.

| S.N<br>o | Name of the faculty   | Name of the FDP                     | Details of the University/Institute organizing<br>FDP | Duration                                    |
|----------|-----------------------|-------------------------------------|---|---|
| 1        |                       | Sustainable Environmental           | Sagi Rama Krishnam Raju Engineering                   | 05 <sup>th</sup> – 09 <sup>th</sup> October |
|          | Dr. A. Aravindhan     | Geotechnics                         | College (A)   | 2020  |
|          |                       | Recent Advancement in special       |   | 26 <sup>th</sup> October – 31 <sup>st</sup> |
| 2        |                       | concrete                            | Gudlavalleru Engineering College                      | October 2020                                |
|          | Mr. J. D. Chaitanya   | Recent Advancement in special       |   | 26 <sup>th</sup> October – 31 <sup>st</sup> |
| 3        |                       | concrete                            | Gudlavalleru Engineering College                      | October 2020                                |
|          | Mr. J. D. Chaitanya   | CMTI & Er Natarajan, Expert in      |   |   |
| 4        | Kumar                 | Construction Management             | Opportunities in Construction Management              | 29 <sup>th</sup> October 2020.              |
|          |                       | Green Technology & Sustainability   |   | 05 <sup>th</sup> – 09 <sup>th</sup> October |
| 5        | Mr. Y. Himath Kumar   | Engineering                         | ATAL – Punjab Engineering College.                    | 2020  |
|          |                       | Green Technology & Sustainability   |   | 05 <sup>th</sup> – 09 <sup>th</sup> October |
| 6        | Dr. Naga Chaitanya    | Engineering                         | ATAL – Punjab Engineering College.                    | 2020  |
|          |                       | Advances in Atmospheric Physics and |   | 05 <sup>th</sup> – 09 <sup>th</sup> October |
| 7        | Mr. Lingeshwaran N    | Chemistry                           | Santhiram Engineering College, Nandyal                | 2020  |
|          |                       | Sustainable Environmental           | SAGI RAMA KRISHNAM RAJU                               | 05 <sup>th</sup> – 09 <sup>th</sup> October |
| 8        | Mr. Lingeshwaran N    | Geotechnics                         | ENGINEERING COLLEGE (A)                               | 2020  |
|          | 0                     | Recent Advancement in special       |   | 26 <sup>th</sup> October – 31 <sup>st</sup> |
| 9        | Mr. Lingeshwaran N    | concrete                            | Gudlavalleru Engineering College                      | October 2020                                |
|          |                       | Advances In Atmospheric Physics and |   | 05 <sup>th</sup> – 09 <sup>th</sup> October |
| 10       | Mr. Hemantharaja K    | Chemistry                           | Santhiram Engineering College, Nandyal                | 2020  |
|          |                       | Sustainable Environmental           | Sagi Rama Krishnam Raju Engineering                   | 05 <sup>th</sup> – 09 <sup>th</sup> October |
| 11       | Mr. Hemantharaja K    | Geotechnics                         | College   | 2020  |
|          |                       | Recent Advancement in special       |   | 26 <sup>th</sup> October – 31 <sup>st</sup> |
| 12       | Mr. Hemantharaja K    | concrete                            | Gudlavalleru Engineering College                      | October 2020                                |
| 10       |                       | Recent Advancement in special       |   | 26 <sup>th</sup> October – 31 <sup>st</sup> |
| 13       | Mr. M. Anil Kumar     | concrete                            | Gudlavalleru Engineering College                      | October 2020                                |
| 15       | Mr. Jyothishya Brahma |                                     |   | 07 th - 11 th                               |
| 14       |                       | Artificial Intelligence             | Manipal Institute of Technology (ATAL)                | December 2020                               |
| 14       | Charl Kannegaliti     | Artificial intelligence             | Manipal institute of reclinology (ATAL)               | December 2020                               |

|    | Mr. SANDEEP KUMAR | Green Technology & Sustainability |                                     | 15 <sup>th</sup> -19 <sup>th</sup> |
|----|-------------------|-----------------------------------|-------------------------------------|------------------------------------|
| 15 | NAMBURU           | Engineering                       | L. D. College of Engineering (ATAL) | December 2020                      |

## Workshops, Seminars and Webinars

| S.No | Name of the<br>faculty          | Name of the Conference/ Workshops/<br>Seminars/Webinar  | Details of the University/Institute<br>organizing program | Duration  |
|------|---------------------------------|---|---|---|
| 1    | Mr. Brahma                      |   |   |   |
| 1    | Chari KJ                        | How to plan a Research  | G H Raisoni University                                    | 03 <sup>rd</sup> October 2020                       |
| 0    | Mr. N. Sandeep                  | Interactive Design in Geotechnical Engineering –  |   | 24 <sup>th</sup> September –                        |
| 2    | Kumar                           | Indo – Canadian Workshop  | NIT K   | 02 <sup>nd</sup> October                            |
| 3    | Mr. N. Sandeep<br>Kumar         | Structual Health Monitoring and seismic<br>protection of strcutres and infrastructural<br>systems | Bannari Amman Institute of<br>Technology                  | 05 <sup>th</sup> – 10 <sup>th</sup><br>October 2020 |
| 4    | Mr. J. D.<br>Chaitanya<br>Kumar | How to plan a Research  | G H Raisoni University                                    | 03 <sup>rd</sup> October 2020                       |
| 5    | Mr. J. D.<br>Chaitanya<br>Kumar | Energy efficient buildings  | Vidyavardhaka college of Engineering                      | 07 <sup>th</sup> October 2020                       |
| 6    | Mr.<br>LINGESHWARAN<br>N        | Energy efficient buildings  | Vidyavardhaka college of Engineering                      | 07 <sup>th</sup> October 2020                       |
|      | Mr.                             |   |   |   |
|      | LINGESHWARAN                    | Interactive Design in Geotechnical Engineering –  |   | 24 <sup>th</sup> Septemoer –                        |
| 7    | Ν                               | Indo – Canadian Workshop  | NIT K   | 02 <sup>nd</sup> October                            |
|      | Mr.                             | Capacity Building and Training on Geospatial  | Sagi Rama Krishnam Raju Engineering                       | 26 <sup>th</sup> October –                          |
| 8    | LINGESHWARAN                    | Technologies (Phase-I: Water Resources)   | College (Autonomous)                                      | 31st October 2020                                   |

|    | Ν                |  |                                      |                               |
|----|------------------|--|--------------------------------------|-------------------------------|
|    | Mr.              |  |                                      |                               |
|    | HEMANTHARAJ      |  |                                      |                               |
| 9  | АК               | Energy efficient buildings                       | Vidyavardhaka college of Engineering | 07 <sup>th</sup> October 2020 |
|    | Mr.              |  |                                      |                               |
|    | HEMANTHARAJ      | Interactive Design in Geotechnical Engineering – |                                      | 24 <sup>th</sup> September –  |
| 10 | A K              | Indo – Canadian Workshop                         | NIT K                                | 02 <sup>nd</sup> October      |
|    | Mr.              |  |                                      |                               |
|    | HEMANTHARAJ      | Capacity Building and Training on Geospatial     | Sagi Rama Krishnam Raju Engineering  | 26 <sup>th</sup> October –    |
| 11 | A K              | Technologies (Phase-I: Water Resources)          | College (Autonomous)                 | 31st October 2020             |
|    | Mr.              |  |                                      |                               |
| 10 | HEMANTHARAJ      |  |                                      | 16 <sup>th</sup> October –    |
| 12 | A K              | Advanced Materials for Highway Construction      | Punjabi University, Patiala          | 20 <sup>th</sup> October 2020 |
|    | Mr. T. Venkat    |  | National Institute of Technology     | 26 <sup>th</sup> October –    |
| 13 | Das              | Durability of Concrete (IWODOC – 2020)           | Karnataka                            | 30 <sup>th</sup> October 2020 |
|    | Mr. Brahma       |  | National Institute of Technology     | 26 <sup>th</sup> October –    |
| 14 | Chari KJ         | Durability of Concrete (IWODOC – 2020 )          | Karnataka                            | 30 <sup>th</sup> October 2020 |
|    | Mr. J. D.        |  |                                      | 5 <sup>th</sup> November –    |
|    | Chaitanya        | Advanced Construction Techniques in low cost     | KKR & KSR Institute of Technology    | 10 <sup>th</sup> November     |
| 15 | Kumar            | civil strcutres for modern living                | and Science                          | 2020                          |
|    |                  |  |                                      | 2 <sup>nd</sup> November –    |
|    | Mrs. Rathnamala  | Machine Learning and its application to civil    | National Institute of Technology     | 6 <sup>th</sup> November      |
| 16 | Reddy            | engineering                                      | Srinagar                             | 2020                          |
|    |                  |  |                                      | 2 <sup>nd</sup> November –    |
|    | Dr Naga          | Machine Learning and its application to civil    | National Institute of Technology     | 6 <sup>th</sup> November      |
| 17 | Chaitanya Kavuri | engineering                                      | Srinagar                             | 2020                          |
|    |                  |  |                                      | 23 <sup>rd</sup> November –   |
|    |                  | Advanced Technologies in Water Resources         | Goverment College of Engineering     | 27 <sup>th</sup> November     |
| 18 | Dr. A. Aravindan | Management (ATWARM-2020)                         | Aurangabad                           | 2020                          |
|    |                  | Capacity Building and Training on Geospatial     |                                      |                               |
|    |                  | Technologies (Phase-II: Land and Water           |                                      | 9 <sup>th</sup> November –    |
| 10 |                  | Management Studies – an International            | Sagi Rama Krishnam Raju Engineering  | 13 <sup>th</sup> November     |
| 19 | Dr. A. Aravindan | Perspective)                                     | College (Autonomous)                 | 2020                          |

|    |                   | Colomic Mitigation and vibration control on  |                                       | 9 <sup>th</sup> November –<br>13 <sup>th</sup> November |
|----|-------------------|--|---------------------------------------|---|
| 20 | Mr. C. Cri Haraba | Seismic Mitigation and vibration control on  | School of Engineering DK University   |   |
| 20 | Mr. G. Sri Harsha | structures                                   | School of Engineering – RK University | 2020  |
|    | Mr.               |  |                                       | 5 <sup>th</sup> November –                              |
|    | LINGESHWARAN      | Advanced Construction Techniques in low cost | KKR & KSR Institute of Technology     | 10 <sup>th</sup> November                               |
| 21 | N                 | civil structures for modern living           | and Science                           | 2020  |
|    |                   | Capacity Building and Training on Geospatial |                                       |   |
|    | Mr.               | Technologies (Phase-II: Land and Water       |                                       | 9 <sup>th</sup> November –                              |
|    | LINGESHWARAN      | Management Studies – an International        | Sagi Rama Krishnam Raju Engineering   | 13 <sup>th</sup> November                               |
| 22 | N                 | Perspective)                                 | College (Autonomous)                  | 2020  |
|    | Mr.               |  |                                       | 16 <sup>th</sup> November –                             |
|    | LINGESHWARAN      | Disaster Mitigation – A shift from Disaster  | Cresent Institute of science &        | 21 <sup>st</sup> November                               |
| 23 | Ν                 | Management towards Disaster Preparedness     | Technology                            | 2020  |
|    | Mr.               |  |                                       | 23 <sup>rd</sup> November –                             |
|    | LINGESHWARAN      | Latest Innovations and Technological         | Kalasalingam Academy of Research      | 28 <sup>th</sup> November                               |
| 24 | Ν                 | Advancements in Concrete Technology          | and Education                         | 2020  |
|    | Mr.               |  |                                       | 5 <sup>th</sup> November –                              |
|    | Hemantharaja      | Advanced Construction Techniques in low cost | KKR & KSR Institute of Technology     | 10 <sup>th</sup> November                               |
| 25 | Kommineni         | civil structures for modern living           | and Science                           | 2020  |
|    |                   | Capacity Building and Training on Geospatial |                                       |   |
|    | Mr.               | Technologies (Phase-II: Land and Water       |                                       | 9th November –  |
|    | Hemantharaja      | Management Studies – an International        | Sagi Rama Krishnam Raju Engineering   | 13 <sup>th</sup> November                               |
| 26 | Kommineni         | Perspective)                                 | College (Autonomous)                  | 2020  |
|    | Mr.               | • /  |                                       | 16 <sup>th</sup> November –                             |
|    | Hemantharaja      | Disaster Mitigation – A shift from Disaster  | Cresent Institute of science &        | 21 <sup>st</sup> November                               |
| 27 | Kommineni         | Management towards Disaster Preparedness     | Technology                            | 2020  |
|    | Dr. A.            |  | Government College of Engineering     | 23 <sup>th</sup> -27 <sup>th</sup>                      |
| 28 | Aravindhan        | ATWARM – 2020                                | Aurangabad (Maharashtra State)        | November, 2020  |

### Conferences

| S.N<br>o | Name of the faculty      | Name of the Conference | Details of the<br>University/Institute organizing<br>Conference | Duration                            |
|----------|--------------------------|------------------------|---|-------------------------------------|
| 1        | Mr. Brahma Chari KI      | GreenCo Summit 2020    | Confederation of Indian   | 07 <sup>th</sup> - 09 <sup>th</sup> |
| 1        | MIT. DI AIIIIA CIIALI KJ |                        | Industry  | October 2020                        |

| 2          | Mr. LINGESHWARAN N  | Emerging Practices And Innovations In Civil                       |                                 | $26^{\text{th}} - 27^{\text{th}}$       |
|------------|---------------------|---|---------------------------------|---|
|            |                     | Engineering (EPIC 2020)   | S.R.K.R. Engineering College    | October 2020                            |
|            |                     | Analytical Study on Seismic Performance of Bed                    |                                 | 09 <sup>th</sup> – 10 <sup>th</sup>     |
| 3          | Mr. LINGESHWARAN N  | Joint Reinforced Solid Brick Masonry Walls                        | Vishnu Engineering College      | October 2020                            |
|            |                     | Emerging Practices And Innovations In Civil                       |                                 | 26 <sup>th</sup> – 27 <sup>th</sup>     |
| 4          | Mr. HEMANTHARAJA K  | Engineering (EPIC 2020)   | S.R.K.R. Engineering College    | October 2020                            |
|            |                     | IConACES 2020, Modelling and Prediction of Covid-19               |                                 | $16^{\mathrm{th}}$ - $18^{\mathrm{th}}$ |
| <b>5</b> ] | Mr. LINGESHWARAN N  | for Tamilnadu   | Vellore Institute of Technology | October 2020                            |
|            |                     | Smart waste 14anagement – 2020 (Acid Attack on                    |                                 | 6 <sup>th</sup> November –              |
| 1          | Mr. J. D. Chaitanya | Light Weight Fiber Reinforced Concrete made with                  |                                 | 7 <sup>th</sup> November                |
| 6          | Kumar               | Industrial Waste)   | SRM University                  | 2020                                    |
|            |                     | International E-Conference on Science – A Study On                |                                 |   |
|            | Mr. SANDEEP KUMAR   | Engineering Properties of Reinforced and                          | Indian Academicians and         | 27 <sup>th</sup> December               |
| 7          | NAMBURU             | Unreinforced Soils  | Researchers Association         | 2020                                    |
|            |                     | 11 <sup>th</sup> International Conference on Materials Processing |                                 |   |
|            |                     | and Characterization Processing and                               |                                 |   |
|            |                     | Characterization -2020(ICMPC 2020) –                              |                                 |   |
|            |                     | Investigation of Newly Developed Copper Slag-                     |                                 |   |
| 1          | Dr. Ashwin Narendra | Incorporated foamed geopolymer and its conjugate                  | Indian Institute of Technology  | $15^{th}$ – $17^{th}$                   |
| 8          | Raut                | Heat Transfer Analysis  | Indore (IIT Indore)             | December 2020                           |
|            |                     | IConACES 2020, Modelling and Prediction of Covid-19               |                                 | 16-18 October                           |
| 8          | Mr. LINGESHWARAN N  | for Tamilnadu   | Vellore Institute of Technology | 2020                                    |

#### **Faculty Publications**

**Siva Kishore, Ch. Mallika Chowdary**, V. Ranga Rao "Effect of Debonding on Stiffness and Long-term Creep of Sandwich panels", Materials Science and Engineering, December 2020.

Lingeshwaran N, "Comparative analysis on asymmetrical structures subjected to seismic load", Material Today, November 2020.

Ashwin Narendra Raut, "Investigation of newly developed copper slag incorporated foamed geopolymer and its conjugate heat transfer analysis", Materials Today: Proceedings, October 2020.



**Dasari Karthik** is an Assistant Professor in the Department of Civil Engineering at K L University. He earned both his Doctoral and Master's degree from National Institute of Technology Warangal in 2019 and 2013 respectively. He did Bachelor of Engineering from MVSR Engineering College, Osmania University Hyderabad. He has industrial exposure of more than 7 years since because of his professional job roles and responsibilities such as Planning Engineer, Project Engineer, and Project Manager in various construction companies in India. He also has teaching experience as Assistant Professor (Adhoc) in CED, NIT Warangal for one year and taught various course works such as Project Planning and Management and Contract Management and Arbitration.

His expertise research area includes Measurement Techniques, Construction Labour

Productivity, Human Factors and Ergonomics, Building Information Modeling and Project Monitoring. He developed a scientific model for assessing the manpower capabilities in the field construction activities. His innovative works includes some of the alternative technologies to the existing concrete shuttering and rebar connections. He got a patent publication against to one if his innovative ideas and has published 1 SCI and 2 Scopus indexed articles in the field of construction management.

#### **Students Achievements/External Participation**

17 Students of **IV/IV B.Tech** were Selected for six month Internship program starting from December 2020 by LIDIPL and Team Bryks Ltd. **Mr. Aditya Krishna** of III/IV B. Tech had secured I Prize in Industry Ready Assessment Exam 2.0 conducted National wide by Protrainy Skilled Learning Private Limited.

**Mr. Segu Sai Srinivas** of III/IV B. Tech had secured II Prize in Industry Ready Assessment Exam 2.0 conducted National wide by Protrainy Skilled Learning Private Limited

**Mr. Kolli Manoradh** of II/IV B. Tech had secured III Prize in Industry Ready Assessment Exam 2.0 conducted National wide by Protrainy Skilled Learning Private Limited



I am K. AKHIL REDDY of II/IV B.Tech Civil Engineering, of KL university. I would like to say about my college life so far. I would like to speak about friendship first, because till now in my life I am a very introvert person, and I would be so far from people and just stay calm. But faculty has tuned my mind and made me mingled with other students, this shows how importance faculty is giving to communication of students. That thing helped me a lot in my communication skills.

And coming to study, faculty tries to cover everyone's doubts who ever raises their hands. Which I liked very much that they are giving importance to everyone as well. If a student does not understand the topic either the topic is repeated, they keep on repeating until the student understands it. Literally there is an experience of mine which I want to tell you is, I didn't understand a subject which is tough for me no matter how many times they repeat it in webinar classes.

The faculty personally made a call to me and asked me to come to the campus if I am willing to come and listen that class offline. As everyone knows in this pandemic situation no one will risks their lives, but that faculty have just nailed that teaching me offline until I understand, that good and dedicated the faculty is.

And coming to other activities like workshops, even though the classes are conducted online, they have managed well to conduct the workshops online, and that made me very happy. And coming to sports, as everyone knows we can't play sports online, but at the first day I have visited the campus, I understood how importance sports, co-curricular activities are also important in a student's life.

And last but not the least, the view and surrounding the campus is in. in the entrance itself the nature starts showing up in the campus. Literally I have seen more trees than people in the campus that good the campus is. Whenever the student feels stress, he can just come, sit near the trees and just becomes cool and starts his work perfectly again.

And my conclusion is, this is not a university it is a home with life...