



Learn Beyond

**KPR Institute of  
Engineering and  
Technology**

**(Autonomous, NAAC "A")**

**ASCE Student Chapter  
KPRIET**

Annual Report – Probation  
September 2020 – February 2022  
American Society of Civil Engineers Student Chapter  
India Section - Southern Region

# Contact Information



Dr. G. Anusha Nivas  
Professor and Head, Department of Civil Engineering  
KPR Institute of Engineering and Technology, Arasur, Coimbatore -641407  
hod\_civil@kpriet.ac.in

Mr. S. Elavarasan  
Assistant Professor  
Department of Civil Engineering  
KPR Institute of Engineering and Technology, Arasur, Coimbatore -641407  
elavarasan.s@kpriet.ac.in

Website : [www.kpriet.ac.in](http://www.kpriet.ac.in)  
Social media : <https://www.youtube.com/civilkpriet>  
<https://www.facebook.com/civilkpriet>  
<https://www.instagram.com/civilkpriet>

# ASCE Student Officers

ASCE STUDENT OFFICERS – 2020	ASCE STUDENT OFFICERS - 2021
<b>Mr DIVAKARAN P N – IV CIVIL PRESIDENT 18cl013@kpriet.ac.in</b>	<b>Mr FAHEEM AHMED A – III ‘B’ CIVIL PRESIDENT 20cel06@kpriet.ac.in</b>
<b>Mr FAHEEM AHMED A – III ‘B’ CIVIL VICE PRESIDENT 20cel06@kpriet.ac.in</b>	<b>Mr PRASANTH S – II ‘B’ CIVIL VICE PRESIDENT 20ce051@kpriet.ac.in</b>
<b>Mr HARISH NATARAJAN T - III ‘A’ CIVIL TREASURER 19ce014@kpriet.ac.in</b>	<b>Ms SARANYA R – III ‘A’ CIVIL TREASURER 19ce039@kpriet.ac.in</b>
<b>Ms SANGEETHA M- II ‘B’ CIVIL CORRESPONDING SECRETARY 20ce060@kpriet.ac.in</b>	<b>Ms SHIYAMALA R - II ‘B’ CIVIL CORRESPONDING SECRETARY 20ce066@kpriet.ac.in</b>
<b>Ms NANDHIKA E- II ‘A’ CIVIL RECORDING SECRETARY 20ce042@kpriet.ac.in</b>	<b>Ms FATHIMATHUL FUHAIMA P P - II ‘A’ CIVIL RECORDING SECRETARY 20ce016@kpriet.ac.in</b>

# Advisors



**Dr G ANUSHA**  
**FACULTY ADVISOR**  
**PROFESSOR & HEAD**  
**DEPARTMENT OF CIVIL ENGINEERING**  
**KPRIET, COIMBATORE, TAMILNADU**  
**INDIA**



**Prof. (Retired) RAJAYOGAN**  
**PALANICHAMY**  
**PRACTITIONER ADVISOR**  
**PRESIDENT, ASCE INDIA SECTION**  
**VIRUDHUNAGAR, TAMILNADU**  
**INDIA**



**ER.L.BALAJI M.E., F.I.E., F.I.V., LLB.,**  
**PRACTITIONER ADVISOR,**  
**INTERNATIONAL PROFESSIONAL**  
**ENGINEER, CHARTERED ENGINEER**  
**& GOVT REGISTERED VALUER,**  
**BALAJI & ASSOCIATES.**  
**MADURAI, INDIA**

# KPRIET Proposed ASCE Student Chapter Recognition



**BANNARI AMMAN INSTITUTE OF TECHNOLOGY**  
An Autonomous Institution Affiliated to Anna University - Chennai • Approved by AICTE • Accredited by NAAC with "A" Grade  
SATHYAMANGALAM - 638401 ERODE DISTRICT TAMILNADU INDIA  
Ph : 04295-226000/221289 Fax : 04295-226666 E-mail : stayahead@bitsathy.ac.in Web : www.bitsathy.ac.in

**Stay Ahead**

**25th YEAR**  
1996 - 2021

**ASCE**  
STUDENT CHAPTER  
Bannari Amman  
Institute of Technology

**INSTITUTION'S INNOVATION COUNCIL**  
Member of Innovation Council

**BIT TECHFEST-21**  
Sustainable Civil Engineering Materials Lab

**VISION MODELERIE**

20/7/2021

Faculty Contact :  
N.V.Manjunath - 9976761735  
Student Contact:  
B.S.Hariprasath - 9944434348

Registration Links  
<https://bittechfest.in/>  
<https://forms.gle/xmrtFkwmN4YKixWY2>

**Rs 5000**  
Cash Prize

Round 1: 2D Drawing  
Round 2: 3D Modelling



**KPR Institute of Engineering and Technology**  
Learn Beyond (Autonomous, NAAC 'A')

**Department of Civil Engineering**  
Don't Be Built

**Congratulations!**  
for winning first prize in  
National Level 3D Modelling Competition  
"Vision Modeliere"  
organised by  
ASCE Student Chapter

**1st**

**M. G. Gokul**  
1<sup>st</sup> year

**Mr. S. Namrith**  
3<sup>rd</sup> year

**Mr. K. Nishanth**  
1<sup>st</sup> year

Project Supervisor:  
**Mrs. R. Kavitha**  
AP (Sr.G), Civil

[kpriet.ac.in](https://www.facebook.com/kpriet.ac.in)  
APRIET@kpriet.ac.in



- Team Captivators from Department of Civil Engineering, KPR Institute of Engineering and Technology, Selected as the winner in the Vision Moeliere event, A National Level Technical Event Organized by the BIT – ASCE Student Chapter on August 6, 2021

# Mission Statement

“At KPRIET - The American Society of Civil Engineers Student Chapter (ASCE) is a student organization that reinforces the life of civil engineering students through technical events and industrial interactions.”



# Goals

- To make all students to join the ASCE Student Chapter and thereby create opportunities for them to connect with the civil engineering community around the world
- To provide a platform wherein students develop their skills and knowledge by organizing programs like industrial lectures, field trips , conferences etc
- Equip members to take up community service projects to benefit the society

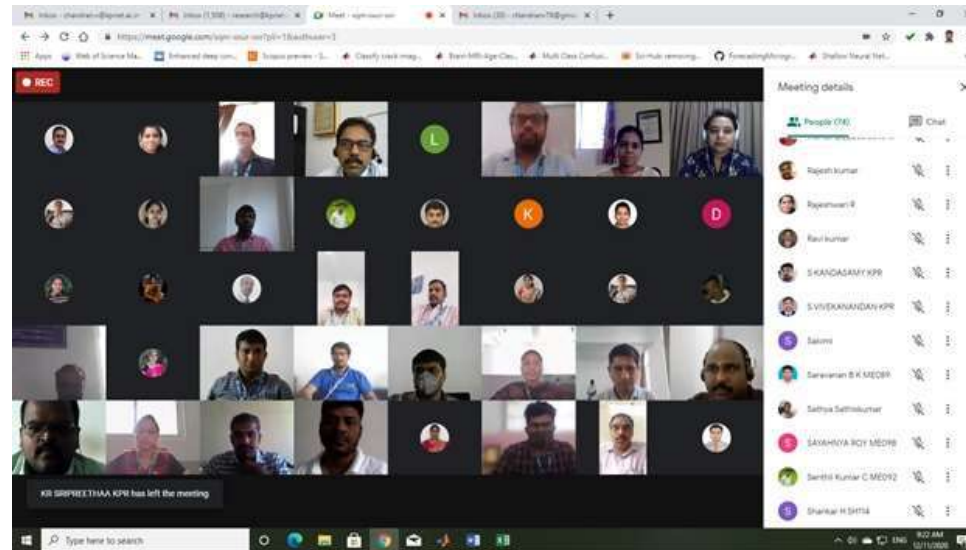


# STUDENT CONFERENCE

INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING, COMMUNICATION,  
AUTOMATION AND BIOMEDICAL TECHNOLOGY – 11.12.2020 to 12.12.2020



A two day virtual International Conference on Advances in Computing, Communication, Automation and Biomedical Technology (ICACCABT- 2020) was organized by KPR Institute of Engineering and Technology, Coimbatore during December 11-12, 2020. The Inaugural and the first day session was marked by the presence of Dr. Sri Devi Ravana from University of Malaya, Malaysia.





# PLANNING MEETING

Conducted on 28.12.2020

- KPRIET ASCE Student organized a planning meeting and presentation session for community service projects on 28.12.20.
- Student members are invited to present their suggestions on the scheduled upcoming events.
- Student members involved in the community service projects were reviewed by the faculty members of department of civil engineering and Faculty Advisor and Head/Civil Engineering Dr. G. Anusha.
- Bio Comfort and Security Cabin were the two project ideas selected for the further development.



# IEI SPONSORED WEBINAR

## CLIMATE CHANGE IMPACT ON THE ENVIRONMENT – 06.01.2021



The Webinar is mainly focussed on the problem arises due to change in climate and measures to take to preserve the Environment. The speaker delivered the content elaborately and focussed on the future goals to conserve natural resources. The Webinar focused on the following points. Rising temperatures are affecting wildlife and their habitats.

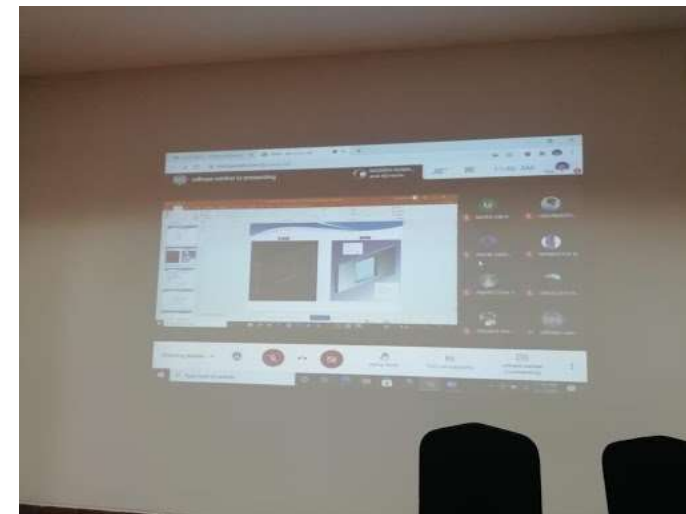


# WORKSHOP

EMERGING TECHNOLOGY: BIM – 11.02.2021



The Department of Civil Engineering of KPR Institute of Engineering and Technology organized a workshop on “Emerging Technology: BIM” for the department II and III students on 11.02.2021. The main aim of this workshop is to make aware of our students to know the Emerging Technologies in BIM in Structural Engineering domain. Resource persons Mr. Udhayasankar Ramasamy elaborately discussed the basic commands used in Revit software opportunities available for Civil and Structural Engineering across the world.



# PLANNING MEETING WITH ALL MEMBERS

Conducted on 11.02.2021



- Proposed ASCE Student Chapter of KPRIET, has conducted the meeting for students regarding awareness on latest technology. Mr. Udhayasankar Ramasamy, industry person elaborately discussed about the latest software and its uses to students.
- Followed by students planning meeting for ASCE were conducted to plan the previous and upcoming events and members are motivated to participate in competitions.



# ACI SPONSORED WEBINAR

## BASIC PRINCIPLES OF LEAN CONSTRUCTION – 26.02.2021

The objective of the webinar was to share the new developments in the field of concrete and to enhance the knowledge of students in the area of Basic Principles of Lean Construction. Dr S. Jeyachandran, Vice President - Marutham Group, (Builders & Promoters) ,Chennai has given an expert lecture. It was aimed to understand the standard code and to inculcate its practical uses in Construction Projects.



The poster is for a webinar titled "Lean Construction and its Tools" organized by the Department of Civil Engineering at KPR Institute of Engineering and Technology in association with the American Concrete Institute (ACI). The speaker is Dr. S. Jeyachandran, Vice President of Marutham Group. The event is scheduled for 26th February 2021. The poster also lists the names of the convener, coordinator, and student coordinator.

**ACI**  
American Concrete Institute

**KPR Institute of Engineering and Technology**  
Learn Beyond  
Autonomous, NAAC 'A'

**Department of Civil Engineering**  
in association with  
**American Concrete Institute (ACI)**  
organizes  
A Webinar on  
**Lean Construction and its Tools**

**Dr. S. Jeyachandran**  
Vice President  
Marutham Group  
(Builders & Promoters)  
Chennai

**26th February 2021**  
10:00 a.m. - 11:00 a.m.

**Convener:** Dr. G. Anusua  
**Coordinator:** Mrs. D. S. Meenakshi  
**Student Coordinator:** S. Haribalan - III Year Civil

**Convener:** Dr. S. Karthikeyan  
**Coordinator:** R. Vijayalaxmi - III Year Civil

**Convener:** Dr. S. Karthikeyan  
**Coordinator:** R. Vijayalaxmi - III Year Civil

Kpriet.ac.in | Facebook | Twitter | YouTube | LinkedIn | KPRIETonline



Dr S. Jeyachandran presenting the webinar

# PLANNING MEETING BY FACULTY ADVISOR DR. G. ANUSHA – 12.03.2021

- Student leaders are motivated to increase the members of the team
- Student members are encouraged to participate in the conference competitions
- Importance of developing leadership skills and public relationship skills among the students is delivered to students
- Student leaders are asked to conduct the social function effectively which is scheduled on 13.03.2021
- Student leaders are asked to explore the possibilities of industry internships and placements



# NATIONAL LEVEL TECHNICAL SYMPOSIUM

CIVISTRA 2021– 13.03.2021



The Department of Civil Engineering of KPR Institute of Engineering and Technology organized the National Level Symposium. “CIVISTRA 2021” for Polytechnic Students on 13th March 2021. The main aim of this event is to focus on the development of students to choose their career in their relevant field. The symposium started with a welcome address by Dr. G. Anusha, Professor & Head, Department of Civil Engineering. Presidential address was given by Dr. M. Akila, Principal, KPRIET. Principal addressed the gathering about the significant development in Civil Engineering and opportunities available in the present world.



KPR Institute of Engineering and Technology, Coimbatore, Tamil Nadu, India

# STUDENT CONFERENCE

## INTERNATIONAL CONFERENCE ON CHEMICAL, MECHANICAL AND ENVIRONMENTAL SCIENCES – 25.03.2021 to 26.03.2021



- Centre for Research and Development (CFRD-KPRIET) is organizing 'International Conference on Chemical, Mechanical and Environmental Sciences' during March 25-26, 2021. The objective of this conference is to explore the interface between the industry and real time environment.
- A two day virtual International Conference on Chemical, Mechanical and Environmental Sciences (ICCMES – 2021) was organized by KPR Institute of Engineering and Technology, Coimbatore during March 25-26, 2021. The Inaugural and the first day session was marked by the presence of Dr. Paul G. Ranky, BS / MS (Hons) Mech. and Ind.Eng., MS (Eng. Edu.), PhD (Automation Eng., with IT) Department of Mechanical & Industrial Engineering, New Jersey Institute of Technology, Newark, United States.

International Conference on  
Chemical, Mechanical and Environmental Sciences  
**ICCMES 2021**  
25<sup>th</sup> & 26<sup>th</sup>, March 2021

KPR Institute of  
Engineering and  
Technology  
Learn Beyond (Autonomous, NAAC 'A')  
Avinashi Road, Araur, Coimbatore

**Inaugural Address**  
Dr. M.Akila  
Principal, KPRIET  
General Chair, ICCMES 2021

**Felicitation**  
Dr. A.M. Natarajan  
Chief Executive, KPRIET -  
Patron, ICCMES 2021

**KEYNOTE SPEAKER**  
Dr. Paul G. Ranky,  
BS / MS (Hons) Mech. and Ind. Eng.,  
MS (Eng. Edu.), PhD (Automation Eng., with IT)  
Department of Mechanical & Industrial Engineering,  
New Jersey Institute of Technology,  
Newark, United States.

Date: 25.03.2021 Time: 9.30 a.m to 10.15 a.m.

<https://bit.ly/3i4ET0V>

IOP Publishing

ISST India Publications

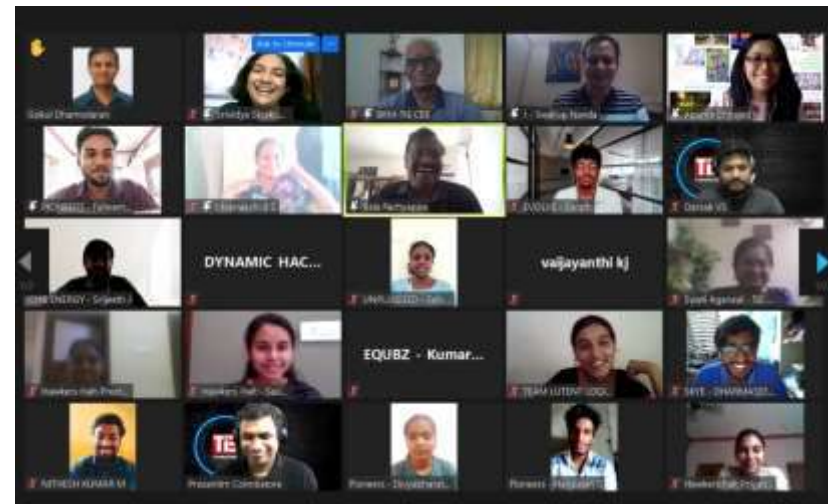


# STUDENT CONFERENCE

TIE UNIVERSITY GLOBAL PITCH COMPETITION – 10.04.2021



- The team pioneers designed the bio-toilet for bus and presented in the Global pitch competition and selected for semi final.
- Mr. S. Haribalan, Mr. G. Gokul, Mr. T. Harish Natarajan, Mr. A. Faheem ahmed, and Ms. P. Dhivyabharathi of the second and third year CIVIL won prize for social impact award with cash prize 13,375 USD at the Global level competition organized by TIE University, California USA.

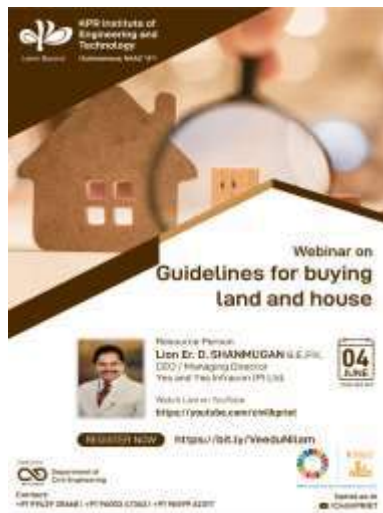


# NATIONAL WEBINAR

GUIDELINES FOR BUYING LAND AND HOUSE ON 04.06.2021



- **Lion Dr.D.Shanmugan, CEO/Managing Director, Yes and Yes Infracon (P) Ltd.** gave webinar on Guidelines for buying land and house on 04.06.2021. Dr. G. Anusha, Professor & HoD/Civil has given welcome address followed by Dr.K.S.Elango, AP/Civil has deliberated chief guest introduction. At the end of the session, Mr.S.Elavarasan, AP/Civil & KPR Academy Coordinator had expressed the importance of initiating KPR academy in KPRIET. This session is arranged for general public, industrial and academic persons. Program was telecasted in you tube platform and has reached 1000+ views



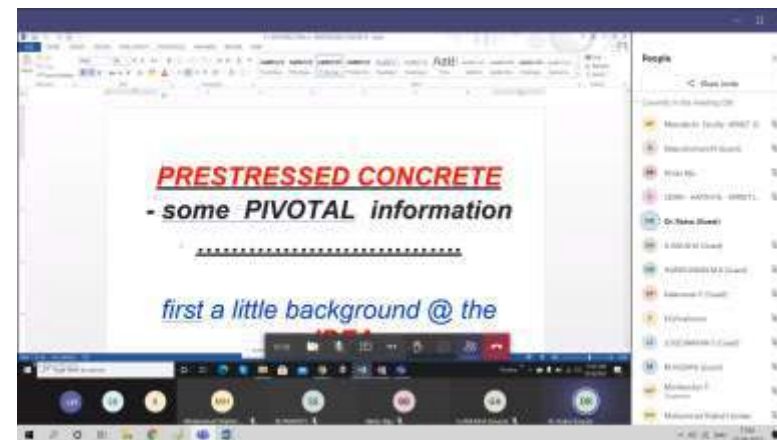
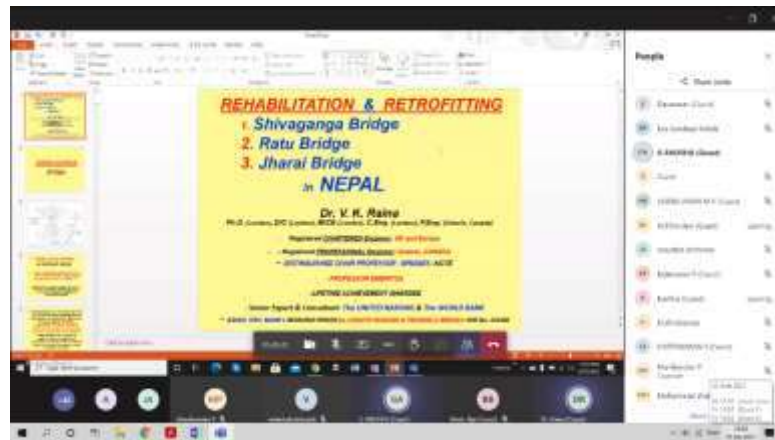
**Lion Dr.D.Shanmugan  
interacting with  
participants**

# AICTE SPONSORED FDP

Faculty Development Programme on “Bridge Engineering” – 21.06.2021 to 25.06.2021



- The Faculty Development Programme (FDP) on **Bridge Engineering** organized by the Department of Civil Engineering, KPR Institute of Engineering and Technology, Arasur, Coimbatore, Tamilnadu was held on 21-25<sup>th</sup> June 2021
- The highlight of the FDP was the keynote lectures by International speaker. The Keynote speaker was Dr. V. K. Raina, Ph. D. (London), DIC (London), MICE (London), C. Eng. (London), P.Eng. (Ontario, Canada), Consultant, the U.N, the World Bank and The African Development Bank and also Distinguished Professor, KPR Institute of Engineering and Technology



# ACI SPONSORED WEBINAR

Application of Drone in Civil Engineering Projects– 30.07.2021

- The webinar given by Mr. A. SELVAM, Managing Director, Land Coordinates Technology Chennai, gave a brief presentation on “Application of Drone in Civil Engineering Projects”. Totally 95 participants in zoom meet submitted their feedback about the session. The key notes of his session are
- Applications of Drone in Civil
- Basic methods and techniques
- Demonstrate some example and case studies



The poster features the KPRIET logo and name at the top left, and the Department of Civil Engineering logo at the top right. The central image shows a drone in flight. Below the drone, there is a circular portrait of Mr. A. SELVAM. The text on the poster includes the webinar title, the speaker's name and title, the date and time of the webinar, and the names of the coordinators. The KPRIET website and social media handles are listed at the bottom.

**KPRIET**  
Learn Beyond

**Department of Civil Engineering**

**Webinar on**  
**Application of Drone in Civil Engineering Projects**

**Mr. A. SELVAM**  
Managing Director  
Land Coordinates Technology  
Chennai

30 July 2021  
11.00 A.M to  
12.00 noon

**Coordinators**  
Mrs. B. S. Meenakshi, AP (Sr.G)  
Dr. V. Rajesh Kumar, AP (Sr.G)

kpriet.ac.in

# NATIONAL ONLINE QUIZ CONTEST – 30.07.2021



The Department of Civil Engineering organized a "ONLINE QUIZ CONTEST –2021" on 23<sup>rd</sup> July to 30<sup>th</sup> July 2021 via google meet. The students were given different set of quiz from various domains. They tend to develop their knowledge skills and presence of answering their ability. The students attended the quiz with their fullest efforts with enthusiasm. The participants and registered count are 59 for this event.

**KPR Institute of Engineering and Technology**  
Learn-Beyond (Autonomous, NAAC "A")

**Department of Civil Engineering**

**SUSTAINABLE DEVELOPMENT GOALS**

## "Online Quiz Contest - 2021"

**No participation fee**

**E-certificate will be provided to all the participants**

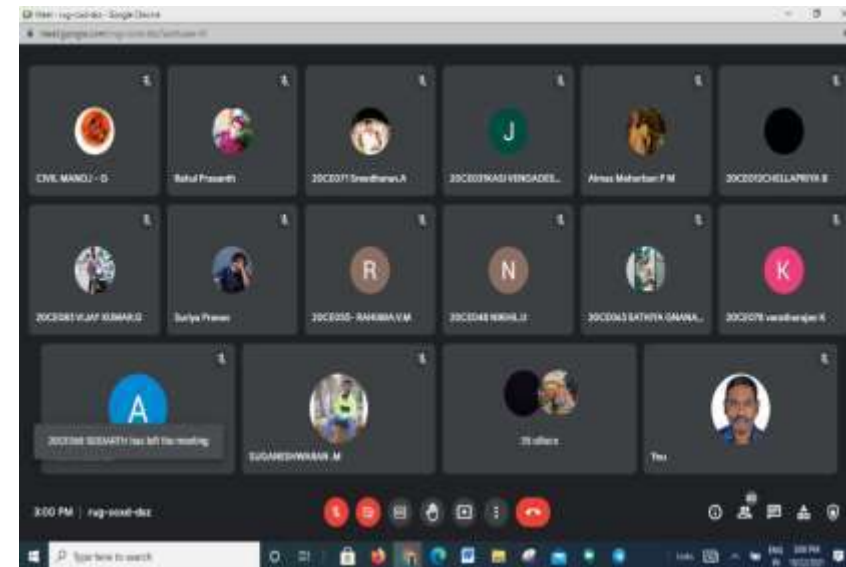
**Convenor**  
Dr.G.Anusha, HoD/Civil

**Faculty Coordinators**  
Mr.S.Logeswaran AP/Civil  
Mrs.C.Vinodhini AP/Civil

**Event date:** 23.07.2021 to 30.07.2021

**For participation use the following link:**  
<https://bit.ly/2UARimO>

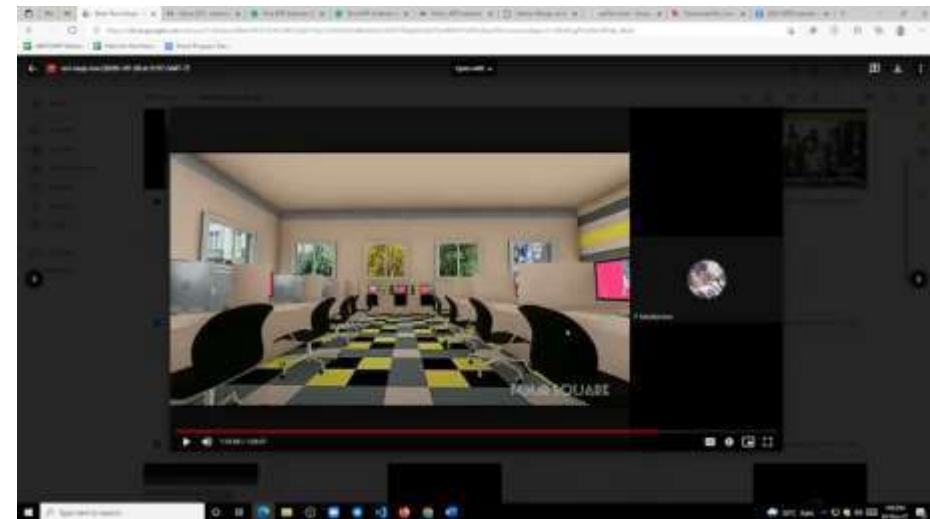
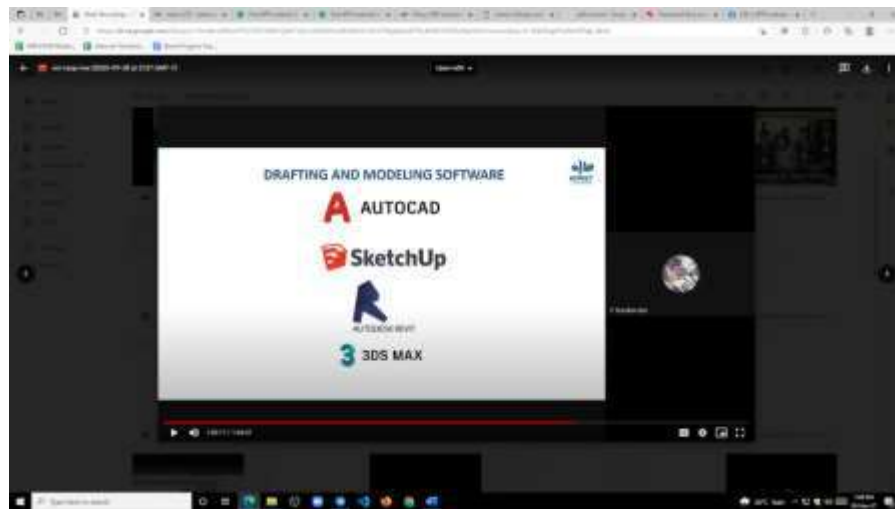
**For more information contact:** 9659536883  
kpriet.ac.in [f](#) [t](#) [i](#) [v](#) [t](#) [g](#) /KPRIETonline



# SOCIAL FUNCTION

Interior design course using phone– 02.08.2021

- The Department of Civil Engineering has conducted Interior Design Certificate Course on “Interior Design using SketchUp” for the 11th and 12th Standard Students on 02nd August 2021. Mr. P. Manikandan from Civil Engineering Department acted as the resource person and taught the course in a productive and constructive manner. 30 School Students participated and earned their certificates. This course helps them to design their dream house using sketchup.



# ICI SPONSORED WEBINAR

Durability of concrete structures – 09.08.2021



- The main aim of this webinar is to make the students aware about the various types of Concrete failures and durability property of concrete. Mr. Sudharsan, Technical Engineer, Dalmia Bharath Cement Ltd., South Zone gave a brief presentation on How the failure occurs in both concrete and steel structure, Durability of concrete structure and its failure mechanism, Assessment procedure for concrete failure. Finally Mr. Sudharsan interacted with the participants and answered their questions. Totally 85 participants participated in the webinar through google meet.

KPR Institute of Engineering and Technology  
Department of Civil Engineering  
in association with ICI organize a webinar on  
**Durability of Concrete Structures**

Mr. P. Sudharsan, M.Tech., (Ph.D.)  
Technical Engineer  
Dalmia Bharath Cement Ltd.  
South Zone

Date: 09.08.2021  
Time: 02:00 PM (IST)  
Platform: Google Meet

**PREPARATION OF RAW MATERIALS:**

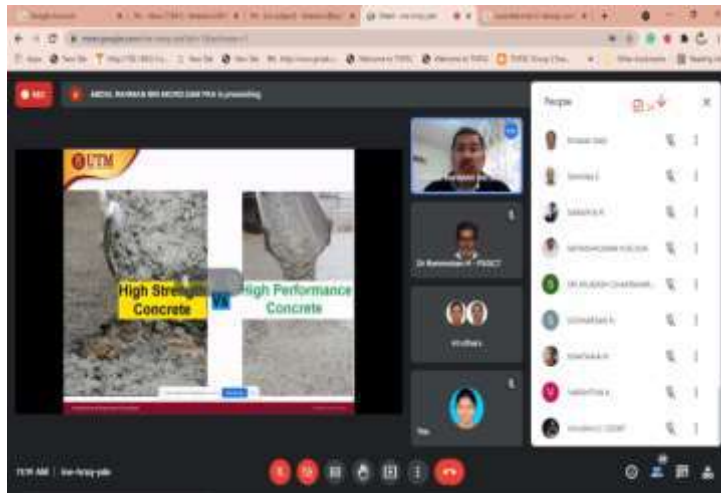
- Crush the materials and store them
- Blend the materials and grind them
- Store them and do final blending
- Blending – assure constant composition and predictable properties.
- Wet, dry, and semi-dry processes
- Burn the materials
- Grind, blend, and store the materials

# IEI SPONSORED WEBINAR

Concrete - An overview of current and future trends – 11.08.2021



- The resource person of the event was Mr Dr. Abdul Rahman Mohd. Sam, Associate professor, Department of Structure and materials, School of civil Engineering, Universiti Teknologi Malaysia, Malaysia. The webinar mainly focused on concrete and its future trends.



 **The Institution of Engineers (India)**  
Coimbatore Local Centre

 **KPRIET**  
Learn Beyond

and

Department of Civil Engineering  
KPR Institute of Engineering and Technology, Coimbatore

organize

A webinar on  
**"Concrete - An Overview of Current and Future Trends"**



by  
**Dr. Abdul Rahman Mohd. Sam**  
Associate Professor  
Department of Structure and Materials  
School of Civil Engineering  
Universiti Teknologi Malaysia

Date: 11.08.2021  
Time: 11.00 AM

Join us on Google Meet  
<https://meet.google.com/ine-hrzq-yde>

**Dr. P. R. Natarajan** FIE  
Chairman, IEII, CLC

**Dr. H. Rammoan** MIE  
Honorary Secretary, IEII, CLC

IEI/IEI supports the Sustainable Development Goals

All are cordially invited



# ENGINEERS DAY CELEBRATION– 15.09.2021



Anusha G, Professor & Head, Department of Civil Engineering, KPR Institute of Engineering and Technology presided over the function. Students were participated in various technical and cultural events like quiz, connection, dancing and singing. Prizes were distributed to winners by Dr. G. Anusha and faculty members. Finally annual closure meeting was conducted for ASCE Student chapter

# PLANNING MEETING

Conducted on 16.09.2021

ASCE Student chapter of Department of Civil Engineering, KPR Institute of Engineering and Technology organized valedictory meeting for the academic year 2020-2021 on 16.09.2021. Student members were appreciated for their effective conduction of scheduled events and their participants in various conferences , social functions and community projects by faculty advisor Dr.G.Anusha, Professor & Head/Civil.



# FIELD TRIPS



Preparation of DPR for the proposal of elevated corridor at Tiruppur PN road (14.09.2021 to 20.09.2021)



STP Construction site visit at Tiruppur at 20.09.2021

# PLANNING MEETING

Conducted on 01.10.2021

ASCE Student chapter of Department of Civil Engineering, KPR Institute of Engineering and Technology organized planning meeting for the academic year 2021-2022 on 01.10.2021. Student officers and office bearers for the academic year were selected after brief introduction of ASCE Student chapter in the classes and Students are motivated to participate in the various conferences , social functions and community projects by faculty advisor Dr.G.Anusha, Professor & Head/Civil. Student officers are asked to prepare the event schedule for the academic year 2021-2022.



# NATIONAL WEBINAR

Photomembranes for water and wastewater treatmentuction – 25.10.2021



Dr. S. Ambika, Ph.D., Assistant Professor, Department of Civil Engineering, IIT Hyderabad, gave a brief presentation on Photomembrane for Water and Wastewater Treatment, the benefits over to remove as much of the suspended solids as possible before the remaining water and Wastewater treatment systems eliminate disease-causing bacteria and kills harmful organisms.

The poster features the KPR Institute of Engineering and Technology logo at the top left, with the text 'KPR Institute of Engineering and Technology' and 'Department of Civil Engineering' to its right. Below this, the title 'Webinar on Photomembranes for Water and Wastewater Treatment' is prominently displayed. A circular portrait of Dr. S. Ambika is shown next to her name and title: 'Resource Person Dr. S. Ambika Assistant Professor Department of Civil Engineering IIT Hyderabad'. The event details are listed in a green oval: 'Date: 25/10/2021', 'Time: 10 AM - 11 AM', and 'Venue: THANAM HALL'. At the bottom, the convenor 'Dr. G. Anusha Head/Civil Department' and coordinators 'Dr. S. Kanmani' and 'Mr. S. Ganesh kumar' are mentioned. Logos for 'Sustainable Development Goals' and 'KPR' are also present.



KPR Institute of Engineering and Technology, Coimbatore, Tamil Nadu, India

# IGBC SPONSORED WEBINAR

## Eco Friendly Construction – 20.11.2021



Ms. Rakshna Alagendran, M.E. Structural Engineering, an IGBC accredited professional and currently working at Lead Consultancy and Engineering Services, Bangalore as Green Building Facilitator, gave a brief presentation on Eco Friendly Construction, the benefits over conventional construction, the highlighted points are Indoor environmental quality, mandatory rules, construction activities and so on.

**KPR Institute of Engineering and Technology**  
Learn Beyond (Autonomous, NAAC 'A')  
Avinashi Road, Arasur, Coimbatore.

**Department of Civil Engineering**  
Born to Build

### Eco Friendly Construction

20 Nov, Saturday  
3.00 pm IST

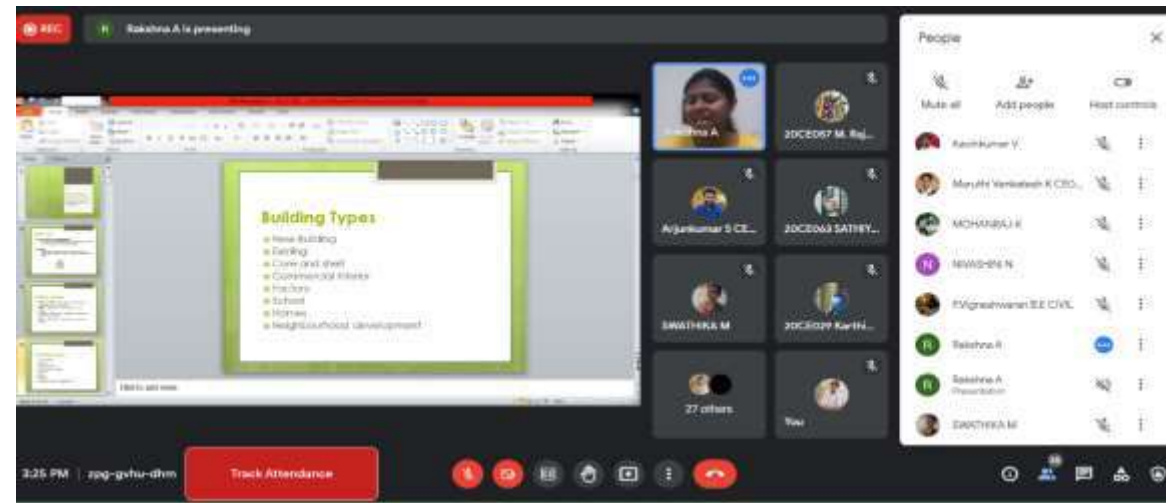
Co-ordinators:  
Mr. S. Arjun Kumar, AP/Civil  
Mr. S. Ganesh Kumar, AP/Civil

Join with  
**Rakshna Alagendran M.E.**  
IGBC Accredited Professional  
KPRIET Alumni (Batch 2014-18)

**SUSTAINABLE DEVELOPMENT GOALS**  
IGBC

Join us on Google Meet  
<https://meet.google.com/rpq-gvhu-dhm>

[kpriet.ac.in](http://kpriet.ac.in) | [f](#) [t](#) [i](#) [g](#) /KPRIETonline



# FIELD VISIT

L & T Immersion program – 02.12.2021

In the view of L & T immersion program, third and final year students of Civil Engineering visited Athikadavu Avinashi project : Pump House 6. Mrs.R.Kavitha, faculty coordinator of the immersion programme accompanied the students



# NATIONAL WEBINAR BY PRACTITIONER ADVISOR

Prof. Rajayogan Palanichamy, President, ASCE India Section

Scope of Consultancy Services in Structural Engineering – 06.01.2022



Prof. Rajayogan Palanichamy, President, ASCE India Section, addressed the participants on the various opportunities available in structural engineering. He shared his experience in the consultancy works carried out in his entire career and also shared the successful story of Indian Structural Engineers who earned much through consultancy.

The poster features the KPRIET logo and text: 'Department of Civil Engineering Organizes Webinar on Scope of Consultancy services in Structural Engineering'. It lists the resource person as 'Er. (Prof.) Rajayogan Palanichamy' with his credentials. A blue box indicates a 'Registration Fee Rs.100' and 'Payment Mode Gpay : 96002 47362'. It also provides the date '6 Jan 2022', time '01:30 pm', and the Google Meet link 'https://bit.ly/3IRjnG3'. Organizers and coordinators are also listed.

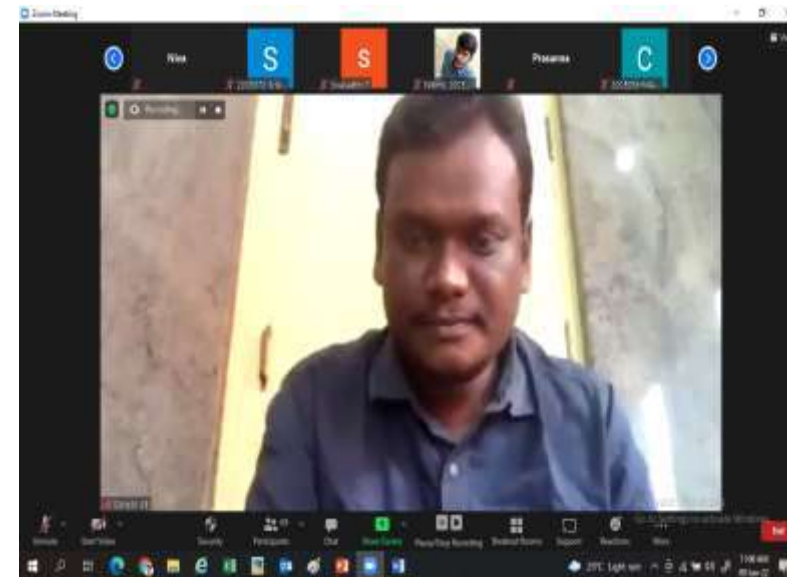
The screenshot shows a Zoom meeting in progress. The main window displays a video of Prof. Rajayogan Palanichamy. To the right is a gallery view of other participants, including Murali Kumares, Ruthra Moorthy, Vivanathan M, siri sara, 20ce022 - HEMAN., ALMAS MEHERBAN., Thomas Eucharist, 29 others, and You. The bottom of the screen shows the Zoom control bar with icons for mute, video, chat, and other functions. The system tray at the bottom right shows the time as 2:07 PM and the window title 'ksu-hptw-uen'.



# NATIONAL WEBINAR

## How to Crack TNPSC Examination – Interaction with Engineer– 09.01.2022

Er. S. Ganesan, Assistant Engineer, Department of Rural Development and Panchayat Raj, addressed the participants on the various opportunities available in government sector. He shared his experience in the preparation for combined engineering service examination and also shared the stories of successful aspirants of TNPSC Examination. Er. Ganesan explained the exam pattern, reference books and interview tips to clear the TNPSC Examination.

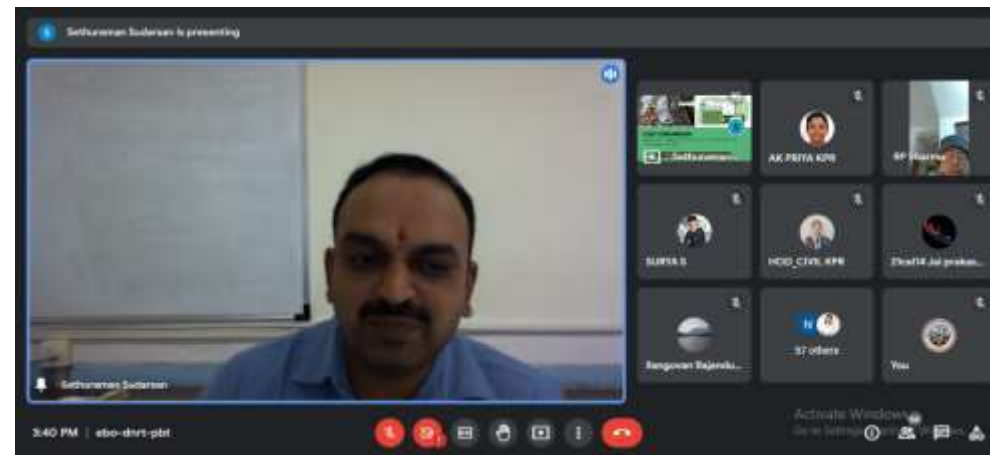


# IEI SPONSORED WEBINAR

Green Construction Strategies in Building Construction– 03.02.2022



Dr S Shanmugam, Chairman, IE(I), Coimbatore Local Centre welcomed the gathering. Dr G Anusha, Professor and Head, Department of Civil Engineering, KPR Institute of Engineering and Technology, Coimbatore presided the event. Lt. Dr A K Priya, Professor, Department of Civil Engineering, KPR Institute of Engineering and Technology, Coimbatore introduced the chief guest to the participants. Dr J S Sudarsan, guest speaker explained the current trends and techniques in waste management. He also briefed about composting techniques and how effectively composting can be implemented in large scale

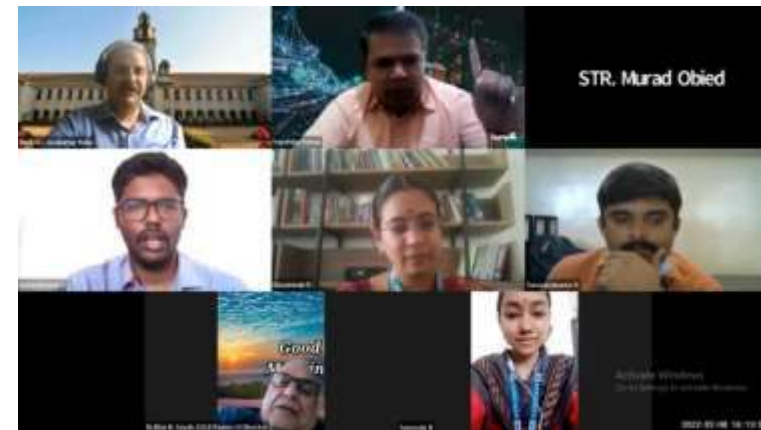


KPR Institute of Engineering and Technology, Coimbatore, Tamil Nadu, India




# ASCE & IGS SUPPORTED INTERNATIONAL WEBINAR

## Towards better practices in Geotechnical Engineering – 08.02.2022

- ASCE India Section Southern Region in association with Department of Civil Engineering, KPR Institute of Engineering and Technology, Coimbatore and Indian Geotechnical Society jointly organized a Webinar Lecture Series on “Towards better practices in Geotechnical Engineering” by Dr. G. L. Sivakumar babu, Governor, Region 10, ASCE 2014-2020, Professor, Department of Civil Engineering, Indian Institute of Science, Bangalore on 8<sup>th</sup> February
- Dr. G. Anusha, Professor & Head, Department of Civil Engineering welcomed the gathering. Guest of Honor Dr. Elias B Sayah, Director, Region 10, ASCE and Er. Narasimha Chary Poloju, President ASCE India Section Southern region felicitated the gathering



# COMMUNITY SERVICES

Event Name	Glimpses
<p>ASCE Student Chapter in association with NSS of KPRIET donated groceries and vegetables for the needy at the leprosy colony at Maruthamalai village, Coimbatore on 19.06.2021.</p>	
<p>ASCE Student Chapter in association with NSS of KPRIET celebrated “World Literacy Day- 2021”, and donated notebooks, stationary and sports items to the students who were in need at Residential high school, Konkadai village, Erode district , on 08.09.2021</p>	
<p>ASCE Student Chapter in association with NSS of KPR Institute of Engineering and Technology, Coimbatore, conducted a vaccination camp and got the public vaccinated to contain the spread of COVID-19. The drive happened Townhall, Coimbatore on 27.09.2021 between 9.30 a.m. to 1.00 p.m. and 100 members were vaccinated</p>	

# SPECIAL PROJECT

## 1. MECHANICAL SCRAP TURNED MEDICINE VENDING MACHINE

### Goals, objectives

The aim of this project is that people would be able to access the drugs via patient kiosks in public places such as drug stores, malls, bus / railway stations, on highways, areas where medical stores are limited.

### Project impact

- Railway station, Bus Stops, Malls, Schools, Colleges, Toll Plaza, Multiplex theatre  
Medical Vending Machine is particularly important in the areas where most people are inaccessible to drugs for minor illnesses

### Participation

<u>Faculty Mentors</u>	<u>Student team</u>
Lt. Dr. A.K.Priya/Civil	Mr. Prabhakaran M - Civil
Mrs. V. Bhuvaneswari/Mech	Ms.C.Emima - Mech
Mr. Balaji. D/CFRD	Mr. Ranganathan G - Civil
Dr. J. Suriyakanth/Phys	Ms. Keerthiga G - Civil



# SPECIAL PROJECT

## 2.BIO COMFORT

### Goals, objectives

To ensure that no child drops out of school due to lack of toilet sanitation

### Project impact

- Describe the anticipated short and long term impacts of the project for the people and/or community that it will serve – No access to toilet for 63 million girls in Indian villages - 23 million girls drop out of school each year after attending their puberty - our solution to this problem - Zero solid waste/sludge - 75% of grey water can be recycled For flushing
- plug and play, cost effective, sustainable toilets in schools, portable toilet for events, public gathering etc...Bio toilet in long distance busses.

### Participation

- Including mentor B.S. Meenakshi , Student team of five members of civil engineering Haribalan & Gokul from final year, Faheem Ahmed, Harish Natarajan & Divya Bharathi from 3rd year
- Two Full months



# SPECIAL PROJECT

## 3. SECURITY CABIN FOR KPRIET CAMPUS

### Goals, objectives

This process of conversion of waste to a product that can be put to primary use can be viewed as a process of generating wealth. Hence the phrase termed as 'Waste to Wealth'

### Project impact

- Wastes are unwanted or unusable objects or materials which are discarded after primary use, or declared as worthless, defective and of no use.
- Waste management leads to generation of substances and products. In this product, the wastes generated from KPRIET are used in the construction of Security Cabin. Disposed galvanized iron sheets are used in the construction of side walls and roof; unused glasses are used as windows. Basement is built using demolished construction waste.

### Participation

- Team Members: Dr. S. Kanmani; Mrs. B. S. Meenakshi & Ms. A. Sujitha Rekha and student team from third years
- Two months



# Questions?

## What were the most significant events of the year?

- Successful social gatherings, Civistra 2021 and Engineers day celebration
- Winner in 3D Modelling competition “ Vison Modeliere” conducted by BIT ASCE Student chapter
- Conducted International Webinar by Dr. G. L. Sivakumar babu, Governor, Region 10, ASCE 2014-2020 as Chief Guest & Dr. Elias B Sayah, Director, Region 10, ASCE as Guest of Honor
- Conducted National Webinar by Prof. Rajayogan Palanichamy, President, ASCE India Section as resource person.

## What were the most significant challenges?

- Due to pandemic, Students were sent for internship on their own to local industries
- Most of the events were conducted through virtual mode

## Future plans?

- Establishing ASCE Student Chapter in KPRIET and organizing International events