



NARAYANA ENGINEERING COLLEGE
(Approved by AICTE, New Delhi, affiliated to JNTUA, Anantapuram, an ISO 9001:2015 certified institution)
Dhurjati Nagar, GUDUR, Andhra Pradesh-524101
(Autonomous)



DEPARTMENT OF CIVIL ENGINEERING



NEWS LETTER - DECEMBER 2021



VISION

To be a premier technical department providing quality education that will produce competent and committed Civil Engineering professionals capable of contributing to technological and socio-economic development of society.

MISSION

- To impart knowledge in Civil Engineering and Allied fields through a dynamic curriculum and best teaching methodologies.
- To produce quality engineers with moral values who are capable of meeting the demands and challenges of the profession by focusing on latest practices.
- Collaborating with reputed industries for technological advancements and up gradations.
- Inculcating the students with importance of environmental, ethical and human values to become a socially responsible citizen of society.

Program Educational Objective (PEO's)

PEO 1: Apply technical expertise to identify and resolve any complex civil engineering problems with the help of modern engineering tools and lifelong learning to meet the specified needs of their chosen domain viz. employment, higher studies or research and development.

PEO 2: With deep insight in societal and ecological issues by adhering to professionalism.

PEO 3: Exhibit professional ethics, management and leadership qualities with good communication skills facilitating to work in a multidisciplinary team for

evolving as an entrepreneur.

Program Specific Outcomes (PSO's)

PSO 1: The ability to create innovative designs with new materials through quality research focusing on global quality of life by observing professional ethics.

PSO 2: The ability to recognize the need like housing, sanitation, waste management, irrigation, use of renewable energy etc., for a sustainable environment.

PSO 3: Assess the environmental impact on various projects and take required measures to curb environmental deterioration using latest technologies in Civil Engineering stream.

ENGINEERS DAY CELEBRATIONS

15-09-2021

Engineering is one of the few professions where creativity meets originality and innovation explaining its popularity. Engineers' contribution to a country's development is vital despite of stream; they build the backbone of infrastructure. The computers we use to the buildings we live in – everything has an engineer behind it.

Engineering Community in India celebrates Engineers Day on every 15th September as a mark of the legendary engineer Sir Moksha Gundam Visvesvaraya. To commemorate this auspicious day, Civil Engineering Department has organized “Engineers Day” under CRANES Student Association and awarded hard efforts of Engineers. In due of this occasion Dr.V.Ravi Prasad, Principal, NECG and Mr.D.Sumanth I/C HOD of CE Department were present as chief guests.

The event started with lighting of lamp by Chief guests. After that Chief guests in their address, emphasized on the importance and

advised students to start feeling and role playing as young Engineers, right from their first year of engineering education, immerse themselves into becoming engineers on purpose. They reminded the audience about the selfless services of Sir. M. Visvesvaraya and urged the fraternity to follow his footsteps for building future India. Around 60 students were attended in this event.



Chief guests offering garland to picture of Sir M. Visvesvaraya



Dr.V.Ravi Prasad, Principal, NECG addressing the gathering



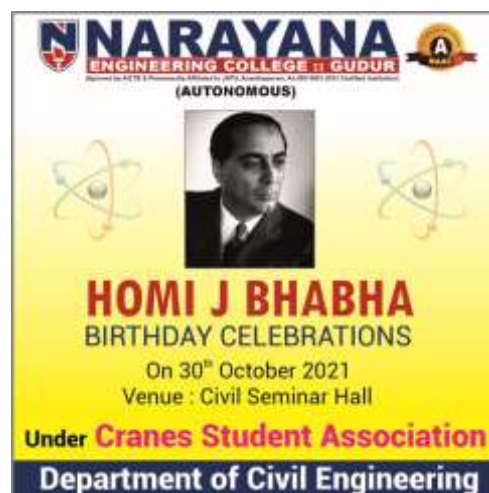
Faculty members, Staff and Students during event

Dr.HOMI J BHABHA BIRTH ANNIVERSARY CELEBRATIONS

30-10-2021

Dr Homi Jenhagir Bhabha (1909-1966), fondly called the father of India's nuclear program, visualized a powerful India in the field of nuclear science. He dreamt of India gaining self-reliance through progress in the field of nuclear power. Our Nation is proud to his experiments and tireless efforts, because of that India emerged as one of the most important nuclear powers of the contemporary world.

Today on his **112th Birth Anniversary**, Dept of Civil Engineering celebrates Birth Anniversary of the visionary nuclear physicist - **Dr Homi J Bhabha** and pays tribute to his pioneering work of putting India on the world map of nuclear science, by seminars and PPTs under **CRANES Students Association**.



The event started with National song and Lamp lighting. After that Chief guest Dr.V.Ravi Prasad, Principal, NECG and addressed the gathering and explained the role played by Dr.Homi J Bhabha in field of nuclear power of the Nation.

Later Ms.A.Vennela from III Civil presented seminar on Biography of Dr.Homi J Bhabha. Next Ms.R.Reshma from III Civil presented PPT on Dr.Homi J Bhabha contributions in India's nuclear power development. In continuation Mr.B.Srikanth from IV Civil presented the list of awards that Dr.Homi J Bhabha got. The event ended up with vote of thanks by Mr.D.Sumanth Association Incharge of CE Department. Around 30 students attended this event.



Ms.R.Reshma from III Civil presenting her PPT



Mr.B.Srikanth from IV Civil presenting his speech



Chief guest Dr.V.Ravi Prasad, Principal, NECG addressing the gathering



Prof.K.Yugandhar Reddy, HOD of CE giving his speech



Students during event

WORLD OZONE DAY CELEBRATIONS

16-09-2021

Life is not possible on earth without the Ozone layer. The theme of the World Ozone Day 2021 is 'Montreal Protocol – Keeping us, our food and vacancies cool'. The Montreal Protocol and the Kigali Amendment show us that by acting together, anything is possible. So let us act now to



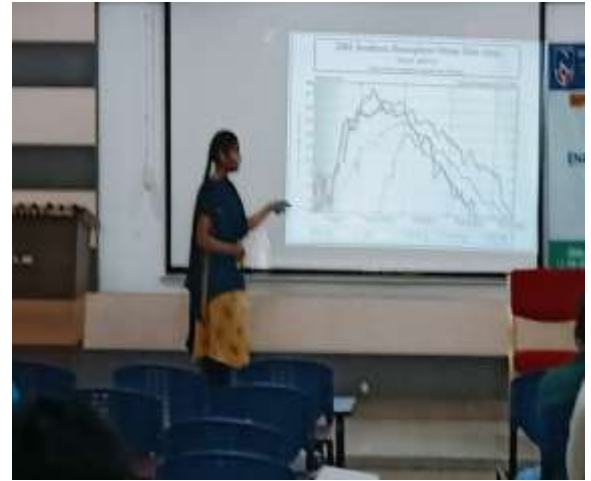
Ms.A.Vennela from II Civil presenting her ppt

slow climate change, feed the world's hungry and protect the planet that we all depend on.

The day remains the signing of the Montreal Protocol on substances that depletes the Ozone layer.

World Ozone Day is observed on 16th September annually. To be a part of this enlightens change Civil Engineering Department has organized "World Ozone Day". In due of this occasion Dr.V.Ravi Prasad, Principal, NECG and Mr.D.Sumanth I/C HOD of CE Department were present as chief guests.

The event started with prayer song by students. After that Chief guest Dr.V.Ravi Prasad, Principal, NECG addressed the gathering and explained the importance of core engineering branches in conserving the environment and role to be played in making technology eco-friendly. Later students presented PPT's and Video clips on Ozone and Environment. In continuation Civil department faculty organized a quiz competition on ozone depletion for students to create awareness. The event ended up with vote of thanks by Mr.D.Sumanth I/C HOD of CE Department. Around 60 students attended this event.



Student presenting PPT on Ozone layer depletion, causes, effects and remedial measures



Mr.D.Sumanth, Association Incharge of CE presenting Vote of thanks



Chief guest Dr.V.Ravi Prasad, Principal, NECG addressing the gathering



Students during event

TEACHERS DAY CELEBRATIONS

05-09-2021

Teaching is considered as one of the noblest professions as it contributes a greater educated population to the world. Only educated work forces can bring-up the nation. Teachers are the ones who choose their careers to spread knowledge and wisdom. A teacher not merely teaches the students about lessons in textbooks, but mold a child to a socially responsible person. They are the true inspiring sources and vision to the world of education.

Teacher's day is celebrated across the nation on 5th September every year in memory of a great teacher Dr. Sarvepalli Radhakrishnan. As a mark of his legacy, CRANES Student Association organized Teachers day and acknowledged the valuable contributions of their teachers and mentors. In due of this occasion Dr.V.Ravi Prasad, Principal, NECG and Mr.D.Sumanth I/C HOD of CE Department were the guest of honor.

The event started with prayer song from students followed by lamp lighting by Chief guests. After that Chief Guest Dr.V.Ravi Prasad, Principal, NECG addressed the gathering and appreciated students for taking up the responsibility in organizing this event. Few students gave speeches and expressed their gratitude towards teachers. The celebrations ended up with a vote of thanks by Mr.D.Sumanth I/C HOD of CE Department. Around 50 students were attended in this event.



Dr.V.Ravi Prasad, Principal, NECG addressing the gathering



Student giving speech and expressing her gratitude



Students attended during event



Mr.D.Sumanth, Association Incharge of CE presenting Vote of thanks

ALUMNI INTERACTION

09-11-2021

Teaching is considered as one of the noblest professions as it contributes a greater educated population to the world. Only educated work forces can bring-up the nation. Teachers are the ones who choose their careers to spread knowledge and wisdom. A teacher not merely teaches the students about lessons in textbooks, but mold a child to a socially responsible person. They are the true inspiring sources and vision to the world of education.

Alumni Interaction meeting has conducted in Civil Engineering Department on 9th November with our alumni Mr. Nasina Harish Kumar.

ALUMNI DETAILS		
1.	Name	Nasina Harish Kumar
2.	Company	SS -Construction-Gudur & Municipal Registered Contractor
3.	Designation	Manager
4.	Experience	5 Years
5.	Batch of Passing	2012-16
6.	Area of Expertise	Civil Engineering
7.	Phone No	9052641749
8.	Email	Harishvicky468@gmail.com

In due of this occasion Professor. K. Yugandhara Reddy (HOD) and Mr.R.Ranjith, I/C Alumni Association of Civil Engineering Department were present.

The event started with prayer song from students. After that Professor. K. Yugandhara Reddy (HOD) addressed the gathering and appreciated students for taking up the responsibility in organizing this event. Few students gave speeches and expressed their gratitude towards Alumni interaction. The celebrations ended up with a vote of thanks by Mr.R.Ranjith, I/C Alumni Association. All Final Year students were attended in this event.



PDP on “Effective Utilization of Drinking Water”

On 26th Oct 2021

Department of Civil Engineering was organized a Professional Development Program (PDP) on “**Effective Utilization of Drinking Water**” with successful participation of all non-teaching staff coming from all departments of our college. The PDP addresses the various aspects of Utilization of Drinking Water. This Program was aimed for non-teaching staff who are working in various departments of our college. There were 10 number of participants attended for this program from different departments.

INAUGURAL SESSION:

The esteemed personalities present on the inauguration of the program:

1. Dr. V. Ravi Prasad, Principal, NEC, Gudur.
2. Mr. K. Vishwaksena Reddy, VicePrincipal, NEC, Gudur
3. Prof.K.Yugandhr Reddy, HOD of Civil Engineering Department.
4. Mr. K. Siva Kumar, Asso.Prof of Civil Engineering Department.

WELCOME CEREMONY:

Mr.D.Sumanth, Asst. Professor of CE, welcomed all the cherished dignitaries and participants.

Prof.K.Yugandhr Reddy, HOD, Civil Engineering Department, has thanked the Resource person for sharing valuable information on “**Effective Utilization of**

Drinking Water”. He has also thanked Non teaching members, who have actively participated in the program.

The resource person **Mr.K.Siva Kumar** explained about “**Effective Utilization of Drinking Water**” and the importance of knowing standards of drinking water and problems will come due to utilization of purified water. He also explained how to check basic drinking standards for drinking water for their respective departments.

Valedictory Ceremony : The Valedictory Ceremony of this PDP program was done at the end of the session. All participants were expressed their satisfaction and gratitude towards this program. Finally Vote of thanks was given by Mr.D.Sumanth, Asst Professor, Dept of CE.



Prof.K.Y.Reddy addressing the gallery



Mr.K. Siva Kumar (Resource Person) addressing the participants

ALUMNI INTERACTION

17-11-2021

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Alumni Interaction meeting has conducted in Civil Engineering Department on 9th November with our alumni Mr. Kumar.

ALUMNI DETAILS		
1.	Name	Mr. Kumar
2.	Company	Civil Construction-Hyderabad
3.	Designation	Manager
4.	Experience	5 Years
5.	Batch of Passing	2012-16
6.	Area of Expertise	Civil Engineering
7.	Phone No	9082751722
8.	Email	kumar@gmail.com

In due of this occasion Professor. K. Yugandhara Reddy (HOD) and Mr.R.Ranjith, I/C Alumni Association of Civil Engineering Department were present.

The event started with prayer song from students. After that Professor. K. Yugandhara Reddy (HOD) addressed the gathering and appreciated students for taking up the responsibility in organizing this event. Few students gave speeches and expressed their gratitude towards Alumni interaction. The celebrations ended up with a vote of thanks by Mr.R.Ranjith, I/C Alumni Association. All Final Year students were attended in this event.

PHOTOS



Career Guidance & Motivation

27/10/2021

Career Guidance & Motivation: An Initiative by
Department of CIVIL, NEC, Gudur.

Date : 27 Oct 2021

Venue : Civil Seminar Hall

Topic : Alternative Careers For
Civil Engineering Students

Resource Person : Mr.J.Rithesh,HOD of CE
,Gates Institute Of Technology, Ananthapuram

Attended By : III & IV B.TECH Civil
Engineering Students

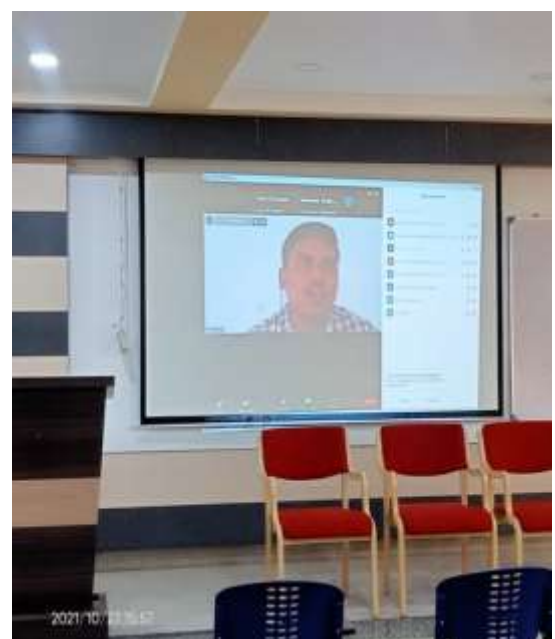
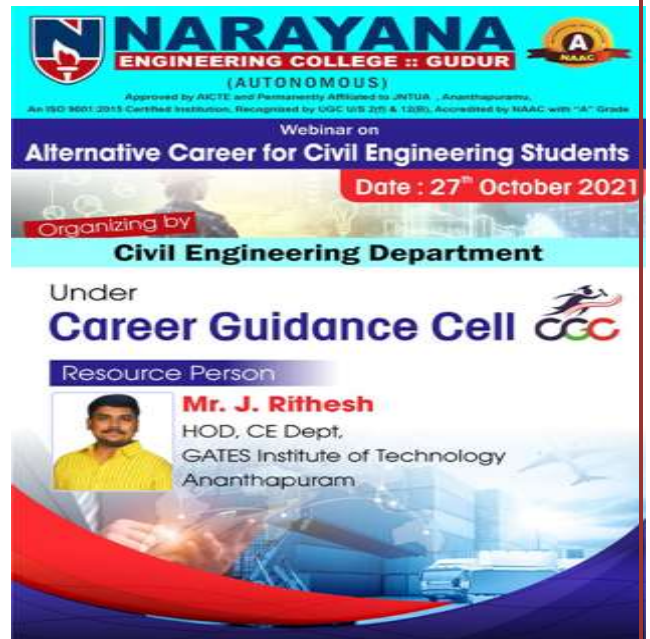
Organized By : Career guidance cell, Department
Of Civil Engineering

Vision of webinar in NECG to motivate the students from all walks of life, knowledge and growth of students in all aspects of their career. With this objective webinar NECG is planning a career guidance & motivational program.

Expert who will be speaking and guiding for

Career Guidance & Motivation:

Dept of Civil Engineering conducted an Interactive career guidance session on Alternative Careers For Civil Engineering Students for 3rd and 4th Sem-I students in our department through online mode. Mr.J.Rithesh,HOD of CE ,Gates Institute Of Technology, Ananthapuram is the resource person. The main focus of the session was to provide a sense of direction to the students of non-circuitual branches regarding the various types of career options they have. He guided students about having core sectors like private sector, public sector and government sector, self employment, software, research and management Software Role In Civil Engineering .The students were motivated to think about their skills and interests from 1st year onwards so that they can have a clear view of his/her career. In all, the event was a hit and was worth every minute.





ALUMNI INTERACTION

25-11-2021

Teaching is considered as one of the noblest professions as it contributes a greater educated population to the world. Only educated work forces can bring-up the nation. Teachers are the ones who choose their careers to spread knowledge and wisdom. A teacher not merely teaches the students about lessons in textbooks, but mold a child to a socially responsible person. They are the true inspiring sources and vision to the world of education.

Alumni Interaction meeting has conducted in Civil Engineering Department on **25th November** with our alumni **Ms. Mounika**

ALUMNI DETAILS		
1.	Name	Ms. Mounika
2.	Company	Civil Josh App- Chennai
3.	Designation	Manager
4.	Experience	5 Years
5.	Batch of Passing	2013-17
6.	Area of Expertise	Civil Engineering
7.	Phone No	7680919801
8.	Email	-

In due of this occasion **Professor. K. Yugandhara Reddy** (HOD) and **Mr.R.Ranjith**, I/C Alumni

Association of Civil Engineering Department were present.

The event started with prayer song from students. After that Professor. K. Yugandhara Reddy (HOD) addressed the gathering and appreciated students for taking up the responsibility in organizing this event. Few students gave speeches and expressed their gratitude towards Alumni interaction. The celebrations ended up with a vote of thanks by Mr.R.Ranjith, I/C Alumni Association. All Final Year students were attended in this event.

PHOTOS





ALUMNI INTERACTION

08-12-2021

Teaching is considered as one of the noblest professions as it contributes a greater educated population to the world. Only educated work forces can bring-up the nation. Teachers are the ones who choose their careers to spread knowledge and wisdom. A teacher not merely teaches the students about lessons in textbooks, but mold a child to a socially responsible person. They are the true inspiring sources and vision to the world of education.

Alumni Interaction meeting has conducted in Civil Engineering Department on **08^h December** with our alumni **Ms. SIVAKAVI SUPRIYA**

ALUMNI DETAILS		
1.	Name	SIVAKAVI SUPRIYA
2.	Company	TCS
3.	Designation	Assistant Engineer
4.	Experience	0 Years
5.	Batch of Passing	2017-21
6.	Area of Expertise	Civil Engineering
7.	Phone No	9391702325
8.	Email	sivakavisupriya@gmail.com

In due of this occasion **Professor. K. Yugandhara Reddy** (HOD) and **Mr.R.Ranjith**, I/C Alumni Association of Civil Engineering Department were present.

The event started with prayer song from students. After that Professor. K. Yugandhara Reddy (HOD) addressed the gathering and appreciated students for taking up the responsibility in organizing this event. Few students gave speeches and expressed their gratitude towards Alumni interaction. The celebrations ended up with a vote of thanks by Mr.R.Ranjith, I/C Alumni Association. All Final Year students were attended in this event.

PHOTOS





ALUMNI INTERACTION

23-12-2021

Teaching is considered as one of the noblest professions as it contributes a greater educated population to the world. Only educated work forces can bring-up the nation. Teachers are the ones who choose their careers to spread knowledge and wisdom. A teacher not merely teaches the students about lessons in textbooks, but mold a child to a socially responsible person. They are the true inspiring sources and vision to the world of education.

Alumni Interaction meeting has conducted in Civil Engineering Department on **23rd December** with our alumni **Mr. Rajasekar**.

ALUMNI DETAILS		
1.	Name	Mr. Rajasekar
2.	Company	TCS
3.	Designation	Assistant Engineer
4.	Experience	0 Years
5.	Batch of Passing	2017-21

6.	Area of Expertise	Civil Engineering
7.	Phone No	6300334547
8.	Email	rajasmart283@gmail.com

In due of this occasion **Professor. K. Yugandhara Reddy** (HOD) and **Mr.R.Ranjith**, I/C Alumni Association of Civil Engineering Department were present.

The event started with prayer song from students. After that Professor. K. Yugandhara Reddy (HOD) addressed the gathering and appreciated students for taking up the responsibility in organizing this event. Few students gave speeches and expressed their gratitude towards Alumni interaction. The celebrations ended up with a vote of thanks by Mr.R.Ranjith, I/C Alumni Association. All Final Year students were attended in this event.

PHOTOS



ALUMNI INTERACTION

09-01-2022

Teaching is considered as one of the noblest professions as it contributes a greater educated population to the world. Only educated work forces can bring-up the nation. Teachers are the ones who choose their careers to spread knowledge and

wisdom. A teacher not merely teaches the students about lessons in textbooks, but mold a child to a socially responsible person. They are the true inspiring sources and vision to the world of education.

Alumni Interaction meeting has conducted in Civil Engineering Department on **9th January** with our alumni **Mr. D.Hariprasad.**

ALUMNI DETAILS		
1.	Name	Mr. D.Hariprasad.
2.	Company	HPR Surveying PVT.LTD
3.	Designation	Technical Designer
4.	Experience	0 Years
5.	Batch of Passing	2015-19
6.	Area of Expertise	Civil Engineering
7.	Phone No	9581885380
8.	Email	-

In due of this occasion **Professor. K. Yugandhara Reddy** (HOD) and **Mr.R.Ranjith**, I/C Alumni Association of Civil Engineering Department were present.

The event started with prayer song from students. After that Professor. K. Yugandhara Reddy (HOD) addressed the gathering and appreciated students for taking up the responsibility in organizing this event. Few students gave speeches and expressed their gratitude towards Alumni interaction. The celebrations ended up with a vote of thanks by Mr.R.Ranjith, I/C Alumni Association. All Final Year students were attended in this event.

PHOTOS



HOD – Alumni - Alumni-I/C



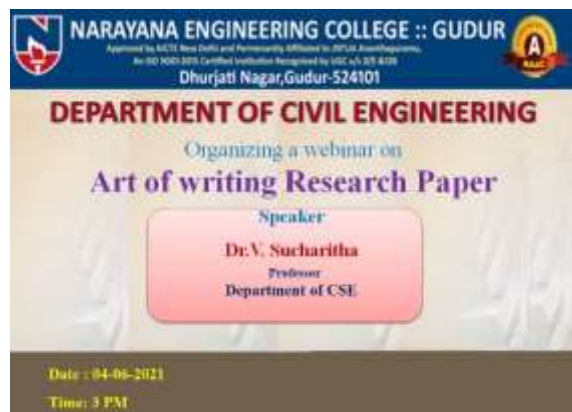
Alumni-I/C - Alumni - Staff



Alumni interacting with Final year Students

**Webinar Report on Art of writing
Research Paper**

04-06-2021



Topic: Art of writing Research Paper

Speaker: **Dr.V.Sucharitha**, Professor, Department of CSE

Date & time: 04-06-2021, 3.00 pm IST

Venue: Virtual mode- Zoom Platform.

A webinar on “**Art of writing Research Paper**” for the students of IV B.Tech. Civil (Sem-I) were organized by the Department of Civil Engineering, Narayana Engineering College, Gudur, through virtual mode on 04th June 2021 at 3:00 pm onward.

The Presenter of this webinar is **Dr.V.Sucharitha**, Professor, Department of CSE. The program was conducted by the Department of Civil Engineering, under the guidance of HOD Civil, **Dr. K.Yugandhar Reddy**.

The Moto of this Webinar is to make students aware of the Research methods and importance of writing an effective research paper that enhances their career in shaping themselves in field of research.

The webinar started with the divine feel of auspicious lamp lightning ceremony by the dignitaries and guest speaker followed by prayer song. **Mr. J. Surya Narayana**, Asst. Professor addressed the gathering and delivered the welcome speech and Introduced the guests.

This webinar on “**Art of writing Research Paper**”, includes the significance of research in

engineering and in engineering education, steps involved in research, how to go about reviewing related literature, different research designs, sample selection, preliminary statistical analyses, reporting of research, a mind-map of plan and act approach, especially for

engineering educators. A sample worksheet on how to deconstruct a journal article would also be presented to enable those who are new to reporting research. This would be helpful in formatting and writing journal articles in line with the expected standard of journal article publication.

The Lecture continued for the duration of about four hours, with the detailed cut fold method of lecture series followed by professional Delphi Queries session among students, faculty members and Guest speaker.

The webinar ended with the virtual felicitation and heart full appreciation to Guest by Principal **Dr.V.Ravi Prasad** and Vice Principal **Mr.K.Viswaksena Reddy** and HOD of Civil **Dr.K.Yugandhar Reddy** and **Mr.D.Sumanth**, Asst. Professor of Civil Engineering proposed the Vote of Thanks. All civil engineering students and faculties actively participated in this event and gave their valuable feedback. The program ended with the



Dr.V.Sucharitha, Professor, giving lecture



Slides Showing the Research Paper Structure and Parts



Guest speaker, Faculty, Students taking active participation in the webinar

WORLD ENVIRONMENT DAY CELEBRATIONS

05-06-2021

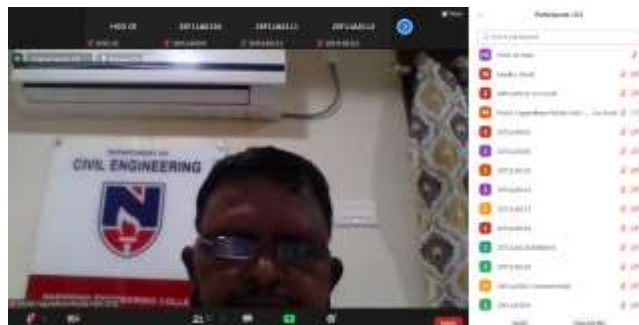
The world environment day is celebrated every year on 5th June to raise global awareness to take positive environmental action to protect nature and the planet earth. It is a day that reminds everyone on the planet to get involved in environment friendly activities. From school children to community groups, companies and governments, all come together to pledge towards building a greener planet. Keeping this aim in view, Dept of Civil Engineering under CRANES Student Association conducted a Online motivational Program to celebrate World Environment Day on 5th June 2021.

The event started with by giving brief speech about the importance of this day by Mr.D.Sumanth, Assistant Prof. Dept of Civil.

Then he invited the guest, HOD of Civil Engineering Prof.K.Yugandhar Reddy by. After that guest in his address, emphasized on the importance of this day and advised and motivated the students to pledge towards building a greener planet. After that

Mr.M.Lakshmi Narayana IV-II CE student gave his speech regarding World Environment Day.

A lot of enthusiasm was seen in the students who attended this event. Around 30 students were attended in this event.



Guest Prof.K.Yugandhar Reddy giving his speech



Participants during the program

CELEBRATION OF WORLD SOIL DAY

05-12-2021

World Soil Day (WSD) is held annually on 5 December as a means to focus attention on the importance of healthy soil and to advocate for the sustainable management of soil resources. Soil sanitization and solidification are the major soil degradation processes threatening ecosystem and are recognized as being among the most important problems at a global level for agricultural production, food security and sustainability in and semi arid regions. Keeping this in mind Dept of Civil Engineering under CRANES student association planned a Quiz program to create awareness on World Soil Day.

Quiz competitions are always interesting and informative, which provide excitement among the students and also make them aware of current affairs.

Department of Civil Engineering successfully conducted a Quiz competition in the department seminar hall on 5th December 2021 for the students of all B.Tech civil engineering students under CRANES student association. Rules and regulations of the quiz were explained at the beginning. It was interesting competition, including objective questions with options round and guess the picture round, which engaged the students for one hour. The students showcased their brilliance by rapidly answering the questions. It was very informative and knowledge enriching competition for the participants.

Editorial Board

Mr. R. Ranjith. M.E

Assistant Professor,
Alumni In charge,
Dept of Civil Engineering,
Narayana Engineering College,
Gudur.

Mr. K. Yugandhara Reddy.

M.E, M.Tech, PhD.
Professor and HOD,
Dept of Civil Engineering,
Narayana Engineering College,
Gudur.



Anchors delivering the questions



Participants during the session

