



DEPARTMENT OF CIVIL ENGINEERING
6.3.3 FACULTY FDP/WORKSHOP/SEMINAR ORGANIZED DETAILS



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DEPARTMENT OF CIVIL ENGINEERING
FACULTY FDP/WORKSHOP/SEMINAR ORGANIZED DETAILS (2020-2021)
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3	31.05.2021	Organized "Internal Seminar on “Experimental investigation on bearing capacity of circular foundation on a sand layer of limited thickness under eccentrically inclined loading”.	8
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DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020 - 2021 (EVEN SEMESTER)
CIRCULAR

DATE: 23.06.2021

Staff members are requested to attend the internal staff seminar on 24.06.2021 through Google meet.

Resource Person : Dr.R.Saravanan
Mode : Online (Google Meet)
Date : 24.06.2021
Time : 05:00 PM to 06:00 PM
Link for Joining : <https://meet.google.com/jdj-yomy-sus>


23/6/21

STAFF INCHARGE


23/6/21

HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING
INTERNAL STAFF SEMINAR - ATTENDANCE

24.06.2021

S.NO	NAME
1	Ms. R. Revathi
2	Ms.T.Bhuvanewari
3	Mr..Sundharam
4	Mr.K.Arun
5	Mr.K.Ranjith
6	Ms.V.Ishwarya
7	Ms.D.Shrividhya
8	Mr.M.Balaji


24/6/21

STAFF INCHARGE


24/6/21

HOD/CIVIL

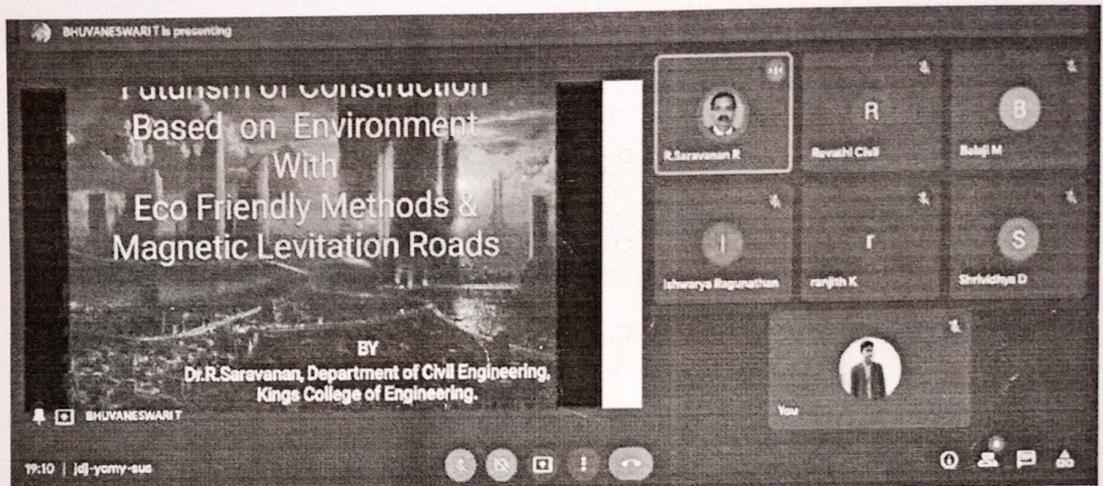


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Approved by AICTE, New Delhi
Affiliated to Anna University, Chennai



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020 - 21 (EVEN SEM)
INTERNAL STAFF WEBINAR - 24.06.2021

Ms.T.Bhuvaneshwari, Assistant Professor, Department of Civil Engineering organized an Internal staff webinar on 24.06.2021 through google meet. Ms.R.Revathi, HoD /Civil, welcomed the faculty members. **Dr.R.Saravanan/Prof** delivered the webinar on **"Futurism of construction based on Environment with eco friendly methods & Magnetic Levitation roads"**. In his webinar he briefed about the various eco friendly materials and nanotechnology research and development.



Revathi
HoD/Civil
12/7/21



**DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020 - 2021 (EVEN SEMESTER)
CIRCULAR**

DATE: 10.06.2021

Staff members are requested to attend the internal staff seminar on 11.06.2021 through Google meet.

Resource Person : Ms.R.Revathi
Mode : Online (Google Meet)
Date : 11.06.2021
Time : 06:30 PM to 07:30 PM
Link for Joining : <https://meet.google.com/ybu-upwg-wzg>



10/6/21

STAFF INCHARGE



10/06/21

HOD/CIVIL



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DEPARTMENT OF CIVIL ENGINEERING
INTERNAL STAFF SEMINAR - ATTENDANCE

11.06.2021

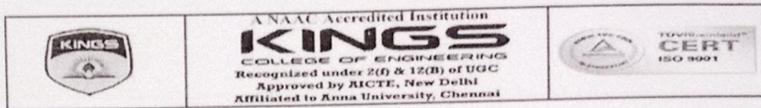
S.NO	NAME
1	Dr.R.Saravanan
2	Ms.T.Bhuvanewari
3	Mr..Sundharam
4	Mr.K.Arun
5	Mr.K.Ranjith
6	Ms.V.Ishwarya
7	Ms.D.Shrividhya
8	Mr.M.Balaji


11/6/21

STAFF INCHARGE

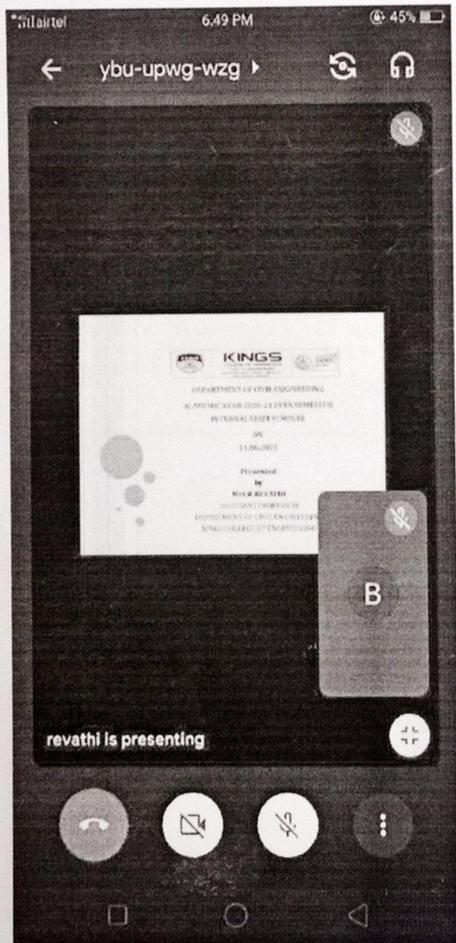

11/06/21

HOD/CIVIL



**DEPARTMENT OF CIVIL ENGINEERING
 ACADEMIC YEAR 2020 - 21 (EVEN SEM)
 INTERNAL STAFF WEBINAR - 11.06.2021**

Ms.T.Bhuvanewari, Assistant Professor, Department of Civil Engineering organized an Internal staff webinar on 11.06.2021 through google meet. Ms.V.Ishwarya , welcomed the faculty members. **Ms.R.Revathi**, HoD /Civil delivered the webinar on **“Durability properties of concrete made from agricultural waste”**. In her webinar she briefed about the various new durability test methods and suggested to implement those test for our students project.



Revathi
 12/7/21
 HoD/CIVIL



**DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020 - 2021 (EVEN SEMESTER)
CIRCULAR**

DATE: 30.05.2021

Staff members are requested to attend the internal staff seminar on 31.05.2021 through Google meet.

Resource Person : Mr.M.Balaji
Mode : Online (Google Meet)
Date : 31.05.2021
Time : 06:00 PM to 07:00 PM
Link for Joining : <https://meet.google.com/vip-yihd-zoa>


30/5/21

STAFF INCHARGE


30/05/21

HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING
INTERNAL STAFF SEMINAR - ATTENDANCE

31.05.2021

S.NO	NAME
1	Ms.R.Revathi
2	Dr.R.Saravanan
3	Ms.T.Bhuvaneshwari
4	Mr..Sundharam
5	Mr.K.Arun
6	Mr.K.Ranjith
7	Ms.V.Ishwarya
8	Ms.D.Shrividhya

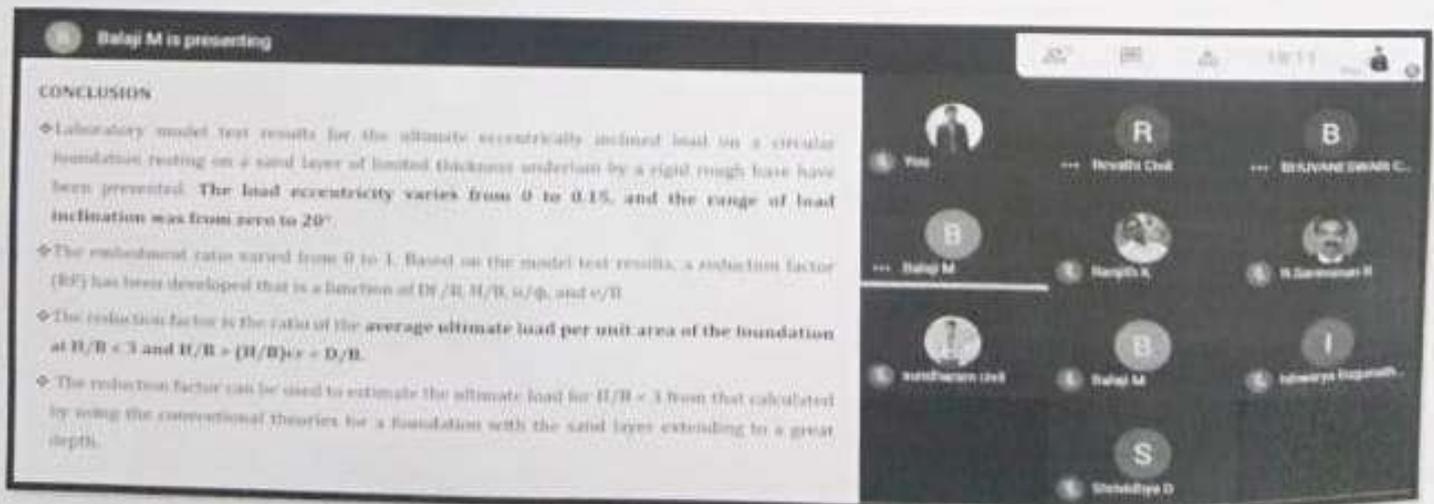
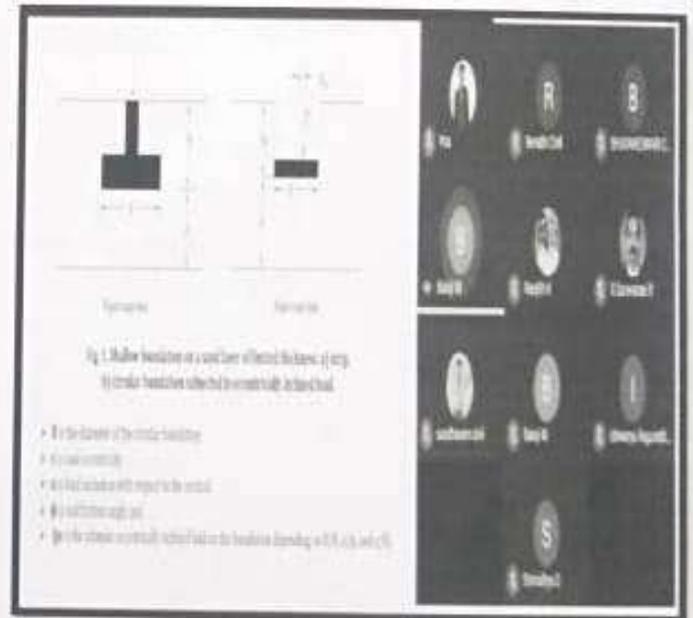

31/5/21
STAFF INCHARGE


31/05/21
HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020-2021 (EVEN SEM)
INTERNAL STAFF WEBINAR-31.05.2021

Ms. T. Bhuvaneshwari, Assistant Professor, Department of Civil Engineering organized an internal staff webinar on **31.05.2021** through google meet. Ms. R. Revathi, HoD/civil, welcomed the faculty members. **Mr.M.Balaji/Assistant Professor** delivered the webinar on "*Experimental Investigation on Bearing Capacity of Circular Foundation on a Sand Layer of Limited Thickness Under Eccentrically Inclined Loading*". In his webinar he briefed about the bearing capacity of circular foundation and laboratory model test results for the eccentrically inclined loading for circular foundation.



Revathi
 31/05/21
 HoD/civil

19.03.2021

From

K.Arun,
Assistant Professor,
Department of Civil Engineering,
Kings College of Engineering.

To

The Principal,
Kings College of Engineering.

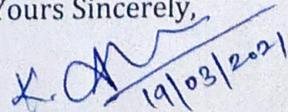
Respected Madam,

Sub: Requesting permission for conducting workshop – reg,

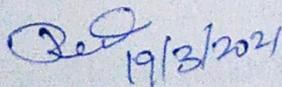
Our department has planned to conduct a ⁿOne day online Workshop on “**PLANNING AND DRAFTING OF APPROVAL DRAWING**” on 26.03.2021. Hence we request your goodselves to kindly grant permission for conducting the workshop online on the above said date.

Thanking You

Yours Sincerely,


(K.Arun)
19/03/2021

Forwarded to the Principal


19/3/2021
HOD/CIVIL

J. Manjunath
22/3/2021.



NATIONAL LEVEL ONE DAY ONLINE WORKSHOP ON
“PLANNING & DRAFTING OF APPROVAL DRAWING”

26.03.2021



REPORT

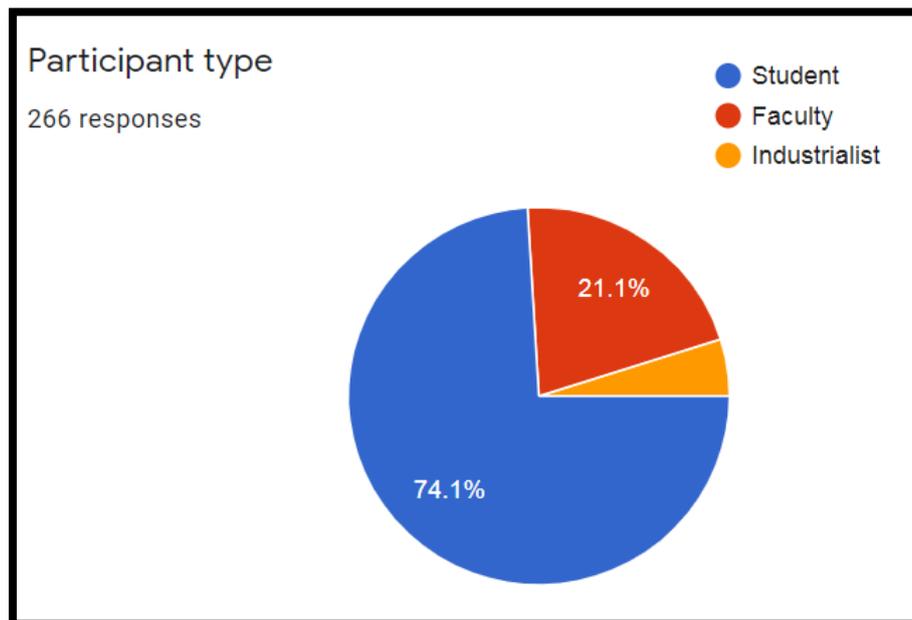
ORGANIZED BY
DEPARTMENT OF CIVIL ENGINEERING
KINGS COLLEGE OF ENGINEERING
PUNALKULAM - 613303
PUDUKKOTTAI DT

BACKGROUND & OBJECTIVE

Department of Civil Engineering, Kings College of Engineering organized a National level One day online workshop on “**PLANNING & DRAFTING OF APPROVAL DRAWING**” on 26.03.2021. As a Civil Engineer, it is essential to be well versed with planning and usage of drafting software’s. This online workshop provides a platform for the UG/PG students, Faculty members and Industrialists to enhance themselves in approval drawing. Mr.K.Arun, AP/civil and Ms.V.Ishwarya, AP/civil were the organizers of the workshop.

REGISTRATION

An overwhelming response was received from the participants, all over the country. Around 266 participants registered for the workshop, which increased our responsibilities to meet the expectations of the participants. Due to the pandemic situation, the workshop was conducted through Google meet platform (<https://meet.google.com/rbc-vtiw-rtw>).



INAUGURAL SESSION

The workshop commenced online at 10:00 AM. Mr.K.Arun, AP/Civil, hosted the workshop. He briefed about the workshop theme and reason for choosing the topic. He also applauded the participants from various educations institutions and industries for their positive response to the online workshop. Ms.V.Ishwarya, AP/Civil, delivered the welcome address. She also introduced the resource person **Ms.R.Revathi**, Head/Department of Civil Engineering, Kings College of Engineering. She elaborated the qualification and work experience of the resource person. She also detailed about the conference, journal publications and memberships held by the resource person.

PARTICIPANT DETAILS

Around 150 participants from Educational institutions and Industries from various places all over the country, eagerly participated in the online workshop. We are very much excited to note that, a few participants from other countries (**United Kingdom, Malaysia, Oman, Nigeria**) has also turned in for the online workshop. The participant details are listed below:

PARTICIPANT'S SUMMARY

S.NO	DESCRIPTION	NO. OF PARTICIPANTS		TOTAL
		STUDENT	FACULTY	
1.	Participants from Tamilnadu	92	27	119
2.	Participants from other States	10	7	17
3.	Participants from other countries	2	1	03
TOTAL		104	35	139
Industrialists				11
TOTAL PARTICIPANTS				150

PARTICIPANT'S FROM OTHER COUNTRIES

S.NO	INSTITUTION NAME	PLACE	NO. OF PARTICIPANTS		TOTAL
			STUDENT	FACULTY	
1.	Newcastle University	Northumberland, UK	01	---	01
2.	Middle East College	Muscat, Oman	---	01	01
3.	Universiti Sains Malaysia	Penang, Malaysia	01	---	01
TOTAL			02	01	03

PARTICIPANT'S FROM INDUSTRIES

S.NO	COMPANY NAME	PLACE	TOTAL
1.	Federal Polytechnic Daura katsina State	Nigeria	01
2.	Hind Construction Service	Motihari Bihar	06
3.	Kesharwani & Associates	Bilaspur, Chhattisgarh	01
4.	S3M Design Consultant LLP	Dharwad, Karnataka	01
5.	Civil works	Pudukkottai, Tamilnadu	01
6.	Civil Construction	Thanjavur, Tamilnadu	01
TOTAL			11

PARTICIPANT'S FROM TAMILNADU

S.N O	INSTITUTION NAME	PLACE	NO. OF PARTICIPANTS		TOTAL
			STUDENT	FACULTY	
1.	Anjalai Ammal Mahalingam Engineering College	Thiruvarur	14	---	14
2.	AMRITA College of Engineering and Technology	Nagercoil	---	1	01
3.	Anna University	Chennai	1	---	01
4.	Annamalai University	Chidambaram	1	---	01
5.	Christian College of Engineering and Technology	Dindigul	---	5	05
6.	Coimbatore institute of Engineering and technology	Coimbatore	7	1	08
7.	Dr NGP Institute of Technology	Coimbatore	---	1	01
8.	EGS Pillai Engineering college	Nagapattinam	1	---	01
9.	Einstein college of engineering	Tirunelveli	1	1	02
10.	Government College of Engineering	Tirunelveli	4	---	04
11.	K.S.R. College of Engineering	Namakkal	---	1	01
12.	Kalasalingam Institute of Technology	Viruthunagar	1	---	01
13.	Kamaraj college of engineering and technology	Madurai	---	1	01
14.	Kings College of Engineering	Pudukkottai	27	---	27
15.	Mailam Engineering college	Villupuram	5	---	05
16.	MIET Engineering college	Trichy	1	---	01
17.	Mohamed Sathak Engineering College	Ramanathapuram	---	4	04
18.	Mount Zion College of Engineering and Technology	Pudukkottai	---	1	01
19.	PET Engineering college	Tirunelveli	---	1	01
20.	PSN College of Engineering and Technology	Tirunelveli	1	---	01
21.	Ramya sathianthan polytechnic College	Thanjavur	---	1	01
22.	S . A . Engineering College	Chennai	1	1	02
23.	Saranathan College of Engineering	Trichy	9	1	10
24.	Sir Issac Newton College of Engineering and technology	Nagapattinam	4	---	04
25.	Sri Krishna College of Technology	Coimbatore	1	---	01
26.	Sri Ranganathar Institute of Engineering and Technology	Coimbatore	2	1	03
27.	St.Joseph's College of Engineering	Chennai	---	3	03
28.	Thiagarajar College of Engineering	Madurai	10	---	10
29.	Trichy Engineering College	Trichy	---	1	01
30.	University College of Engineering	Pattukkottai	---	1	01
31.	University College of Engineering	Nagapattinam	1	1	02
TOTAL			92	27	119

PARTICIPANT'S FROM OTHER STATES

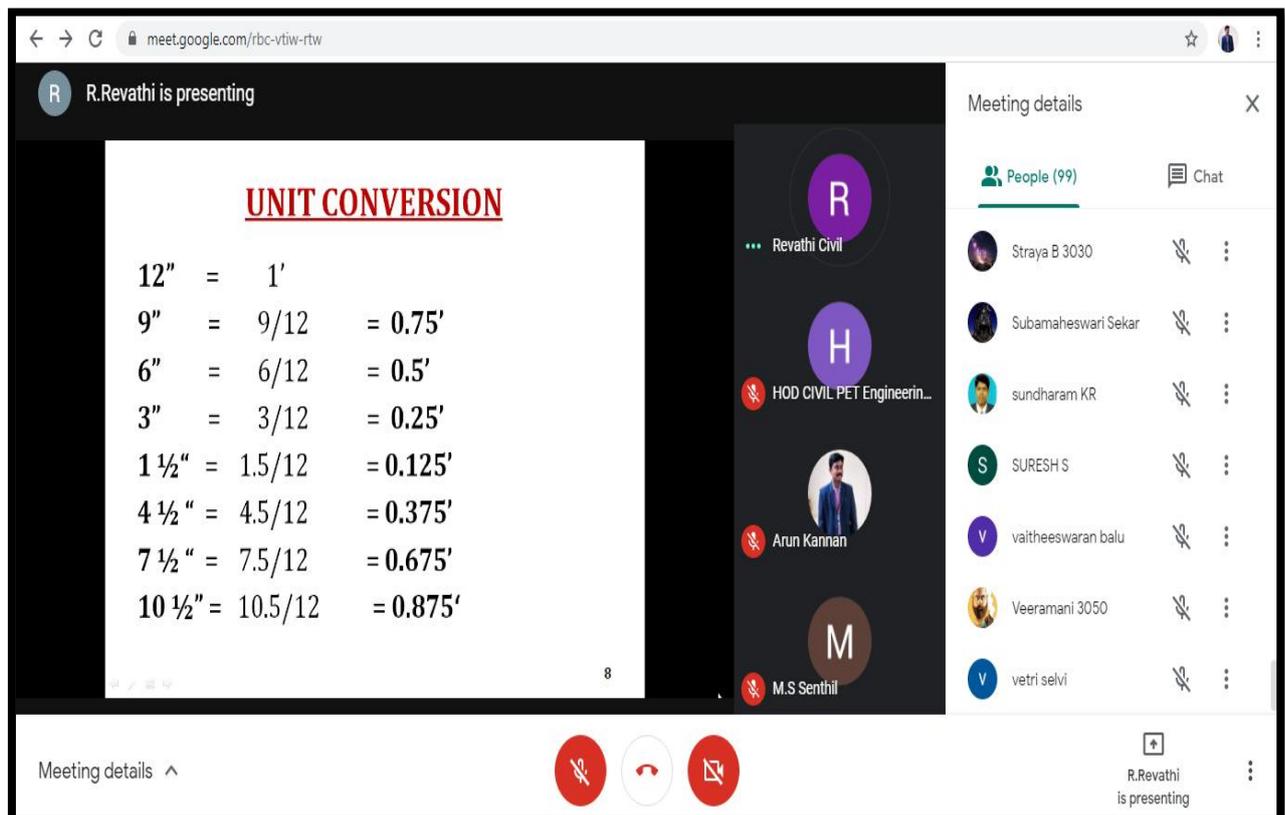
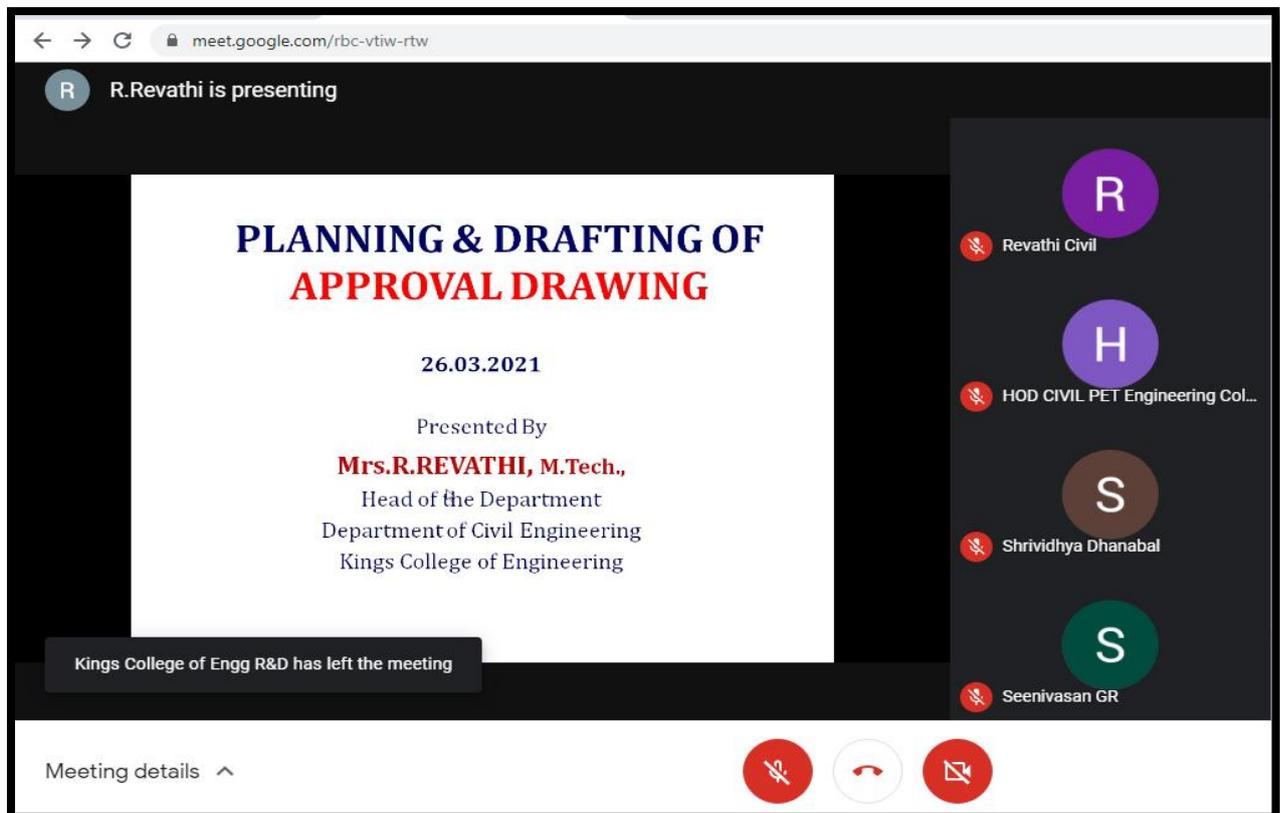
S.NO	INSTITUTION NAME	PLACE	NO. OF PARTICIPANTS		TOTAL
			STUDENT	FACULTY	
1.	Dr. J. J. Magdum College of Engineering	Jaysingpur, Maharashtra	1	---	01
2.	G. B. Pant Institute of Technology	Shyam Nagar, New Delhi	---	1	01
3.	DR.R.L.Avadh University	Ayodhya, Uttar Pradesh	1	---	01
4.	Kanchi Mamunivar Government Institute for Post Graduate Studies and Research	Lawspet, Puducherry	1	---	01
5.	KL deemed to be University	Guntur, Andra Pradesh	---	3	03
6.	Rajiv Gandhi Proudtyogiki Vishwavidyalaya	Bhopal, Madhya Pradesh	1	---	01
7.	St. Joseph University	Dimapur, Nagaland	---	1	01
8.	Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering & Technology	Baramati, Maharashtra	5	2	07
9.	Vishwakarma Institute of Information Technology	Pune, Maharashtra	1	---	01
TOTAL			10	07	17

WORKSHOP SESSION

The workshop was handled by **Ms.R.Revathi, Head/Department of Civil Engineering**, Kings College of Engineering. She highlighted the importance of Approval drawing and basic requirements for designing an approval plan. Ms.R.Revathi also presented various concepts like,

- Bubble Diagram
- Plan by using Grid Sheet
- Single line sketch
- Unit conversion
- Bylaws
- Room requirements
- Standard dimensions
- Technical terms
- Specifications
- Title block

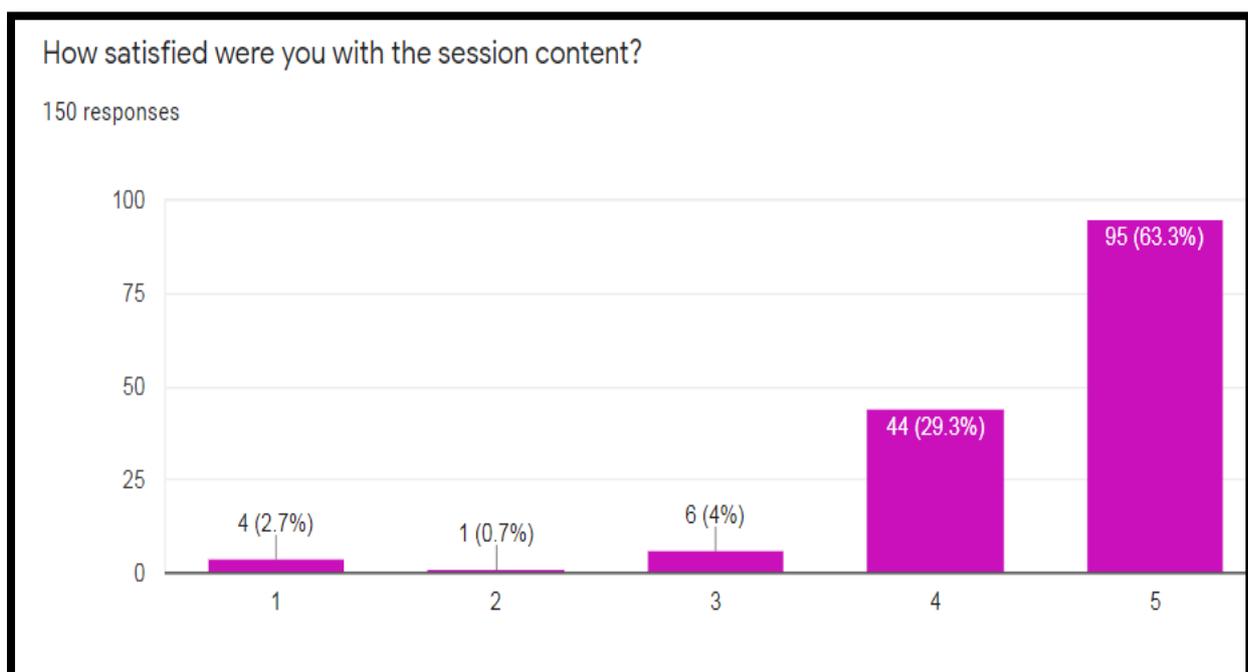
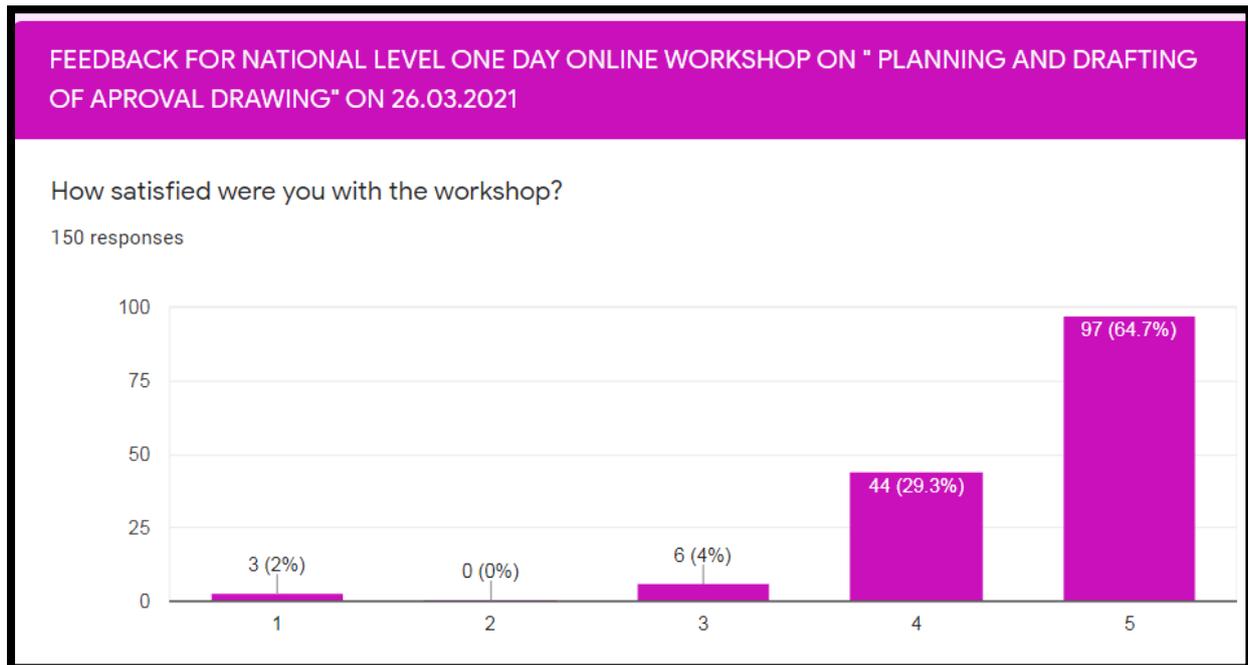
In addition to this, she also explained the concepts using AUTOCAD, which was very well understood by the participants. The workshop was conducted in two sessions. Morning session involved the resource person presentation. In the afternoon session queries from participants were clarified.



VALEDICTORY SESSION

At the end of the workshop, the session was concluded with vote of thanks. Ms.D.Shrividhya, AP/Civil, delivered the vote of thanks. She expressed her sincere thanks to the participants for their interest and active participation. She heartily expressed her sincere gratitude to the Management, Principal, Vice Principal, Staff members and the students for their extended support. Finally she concluded by appreciating the organizers for their passionate efforts with which they carried out the difficult task of making the workshop a grand success.

FEEDBACK FROM THE PARTICIPANTS:





What were your key take aways from this event?

150 responses

Now a days most important topic for students and the my heartly thanks to MRS Revathi mam she teach and clearly explain all the topic like unit conversion,single line sketch,and government approval diagram,thank you so much

Overview of planning of dimension and vasthu

Planning and drafting

Excellent

VERY USEFUL

The resource person' s session speed was easier to me for understanding. Usually most of presentations don't satisfy this.

some places but its excellent thing

I taked more points in this session.it is more useful

Any additional comments regarding overall feedback for the event?

150 responses

Over all sessions was very good and well planned

It was such an amazing workshop with steady information

Presently needed topic as it is missing in university curriculum

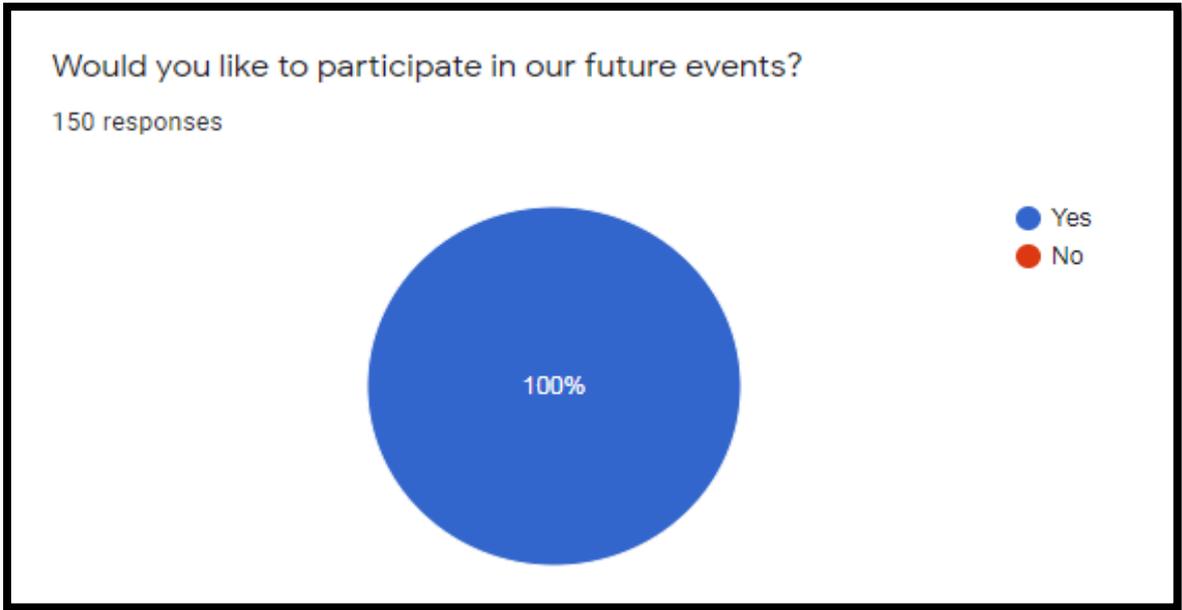
exceptionally good and expection more workshop like this

GOOD

It was good

Pls teach about 3d drawing RIVIT

Good event.we have learned lot in this event



OUTCOME:

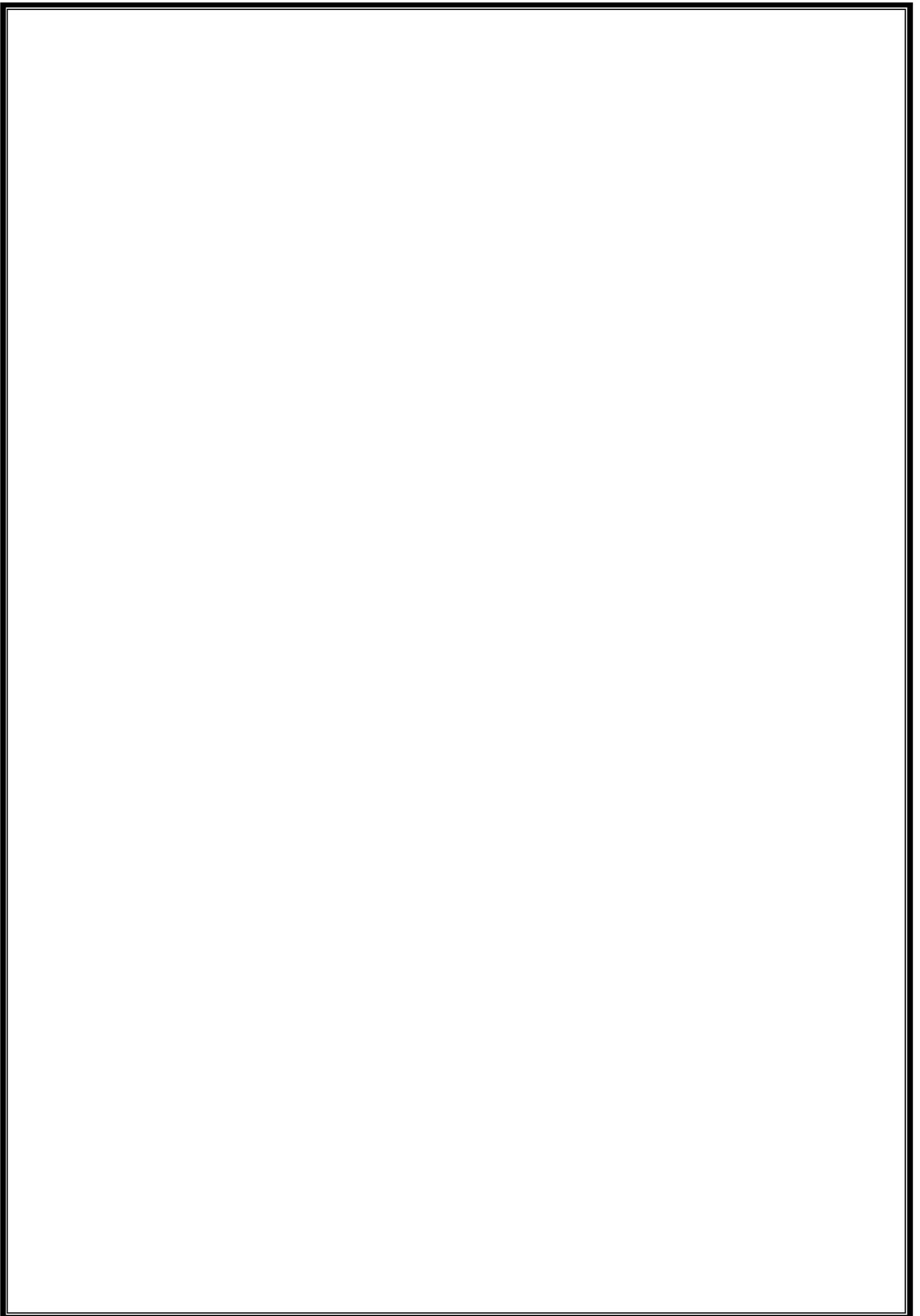
Participants gained knowledge about Planning and drafting of approval drawing and also gave very good feedback at the end of the workshop. All the Participants showed interest to attend our future workshops too. The recorded version of the workshop was streamed in our college YouTube channel, as per the request of the participants to share the contents (<https://youtu.be/9y2lgYEVLw>).

KOM
30/03/2021
30/3/2021
WORKSHOP COORDINATOR

Reu
30/3/2021
HOD/CIVIL

शिवशर्मा
VP

Soad
J. Muneer
01/4/2021
PRINCIPAL



Place: Punalkulam.

Date: 08-03-2021.

From

R.Sundharam
Asst. Professor,
Department of Civil Engineering,
Kings College of Engineering,
Punalkulam.

To

The Principal,
Kings College of Engineering,
Punalkulam.

Respected Madam,

Sub: Permission for conducting e- national conference (NC – ETATCE'21)- reg

I wish to bring your kind information that the Department of Civil Engineering is planned to conduct a National level Conference “e- national conference on emerging trends and advanced technologies in civil engineering (NC – ETATCE'21)” for the academic year 2020-2021 on **19.03.2021**. So, I kindly request you to give permission to conduct the NC – ETATCE'21.

Thanking you,

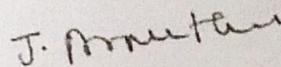
Yours faithfully,



(R.Sundharam)



HOD



PRINCIPAL



DEPARTMENT OF CIVIL ENGINEERING

e- NATIONAL CONFERENCE ON EMERGING TRENDS AND ADVANCED TECHNOLOGIES IN CIVIL ENGINEERING (NC – ETATCE'21) CONFERENCE REPORT

Online mode: YouTube live stream (<https://youtu.be/Zb32cyut4F0>)

Google meet (<https://meet.google.com/zcn-hjao-mot>)

OBJECTIVE

Department of Civil Engineering, Kings College of Engineering organised a One day National level Conference titled **NC – ETATCE** on **19th March 2021**.

The major goal and feature of this conference is to bring academicians, research scholars, engineers, industry researchers together to exchange and share their experiences and discuss the practical challenges encountered and the solutions adopted. Academicians from different areas are invited to deliver their views regarding latest information in their respective expertise areas. This conference provides opportunities for academicians and participants to exchange new ideas and uphold experiences face to face, to establish constructions or research relations and to find global partners for future collaboration.

The conference emphasizes on recent innovations in various Fields/disciplines of Civil Engineering as listed below.

- Recent innovation in the field of Civil Engineering
- GPS Surveys: Static, Differential & Real Time
- Structural Engineering
- Water Resource Engineering
- Environmental Engineering
- Geotechnical Engineering
- GIS and Remote Sensing Applications
- Behaviour of fiber reinforced concrete
- Load deformation behaviour of confined concrete.
- Transport and traffic modelling
- Pavement materials Characterisation
- Construction Management
- Coastal Engineering

- Earthquake Engineering
- Advanced Surveying
- Construction Materials
- Tunnel Engineering
- Architectural Engineering

INAUGURAL SESSION

The Conference was inaugurated by the Chief Guest Er.R.Ramachandran, Superintendent Engineer (Rtd) PWD, Government of Tamil Nadu.



WELCOME ADDRESS

The welcome address was given by Mr.R.Sundaram, Organizing Secretary of NC-ETATCE'21. He welcomed the dignitaries, faculty members and the students from various educational Institutions across the state. He also added that, he is very much delighted to see more external participants from various reputed colleges.



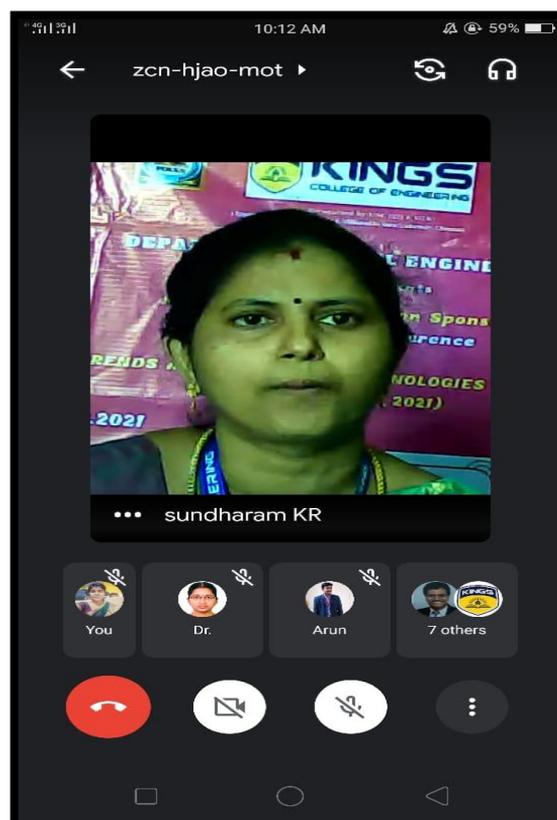
PRESIDENTIAL ADDRESS

Dr.J.Arputha Vijaya Selvi, Principal of our college delivered the Presidential address. She highlighted the environmental impact due to cement manufacturing process and our responsibility to reduce the CO emission. She also briefed a few points about various alternative trends in Construction industry (BIPV). Building-integrated photovoltaics are photovoltaic materials that are to be used to replace the conventional building materials in parts of the building envelope.



CONFERENCE THEME

Mrs.R.Revathi, HOD/Civil & Convenor of NC-ETATCE'21 portrayed the conference theme in a detailed manner. She also applauded the academicians and participants from various institutions for their positive response to this conference. Then the Chief Guest was introduced by



Ms.T.Bhuvaneshwari, Organizing Secretary of NC- ETATCE'21. She elaborated the qualification and work experience of the chief guest. She also detailed about his project works and various responsibilities held by the chief guest.

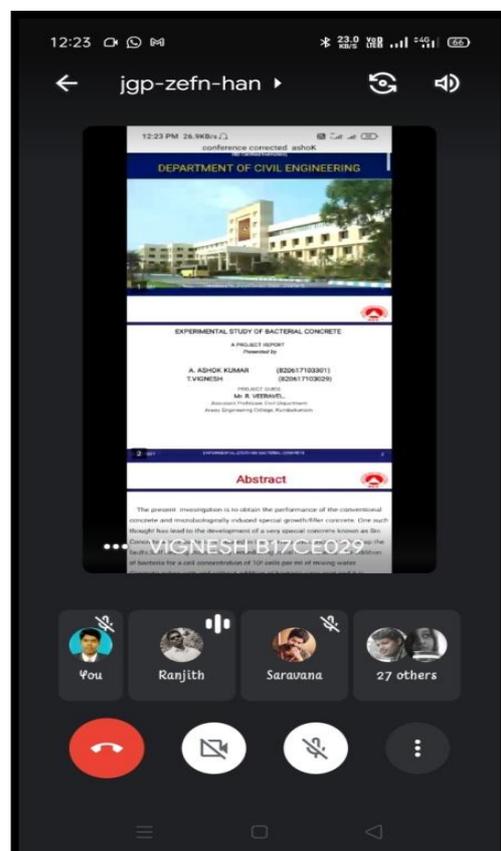
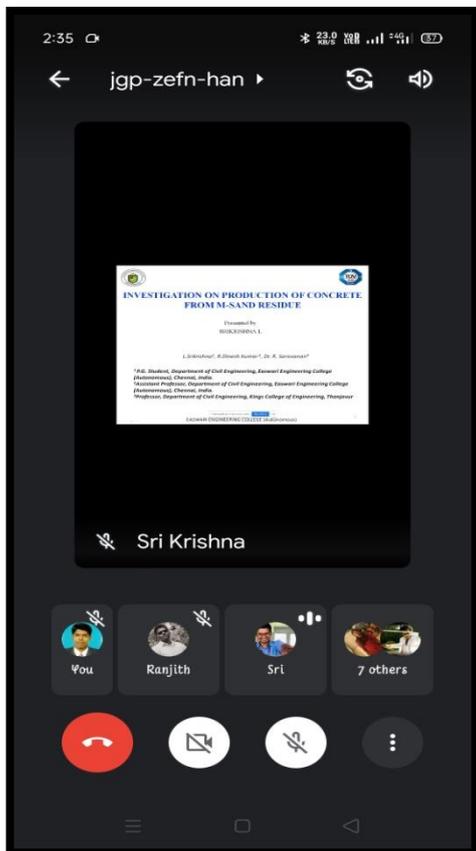
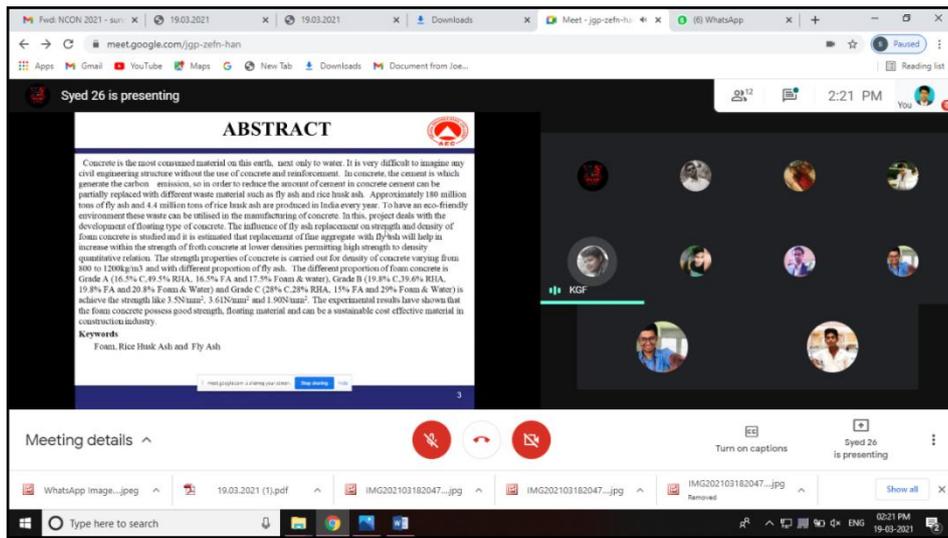
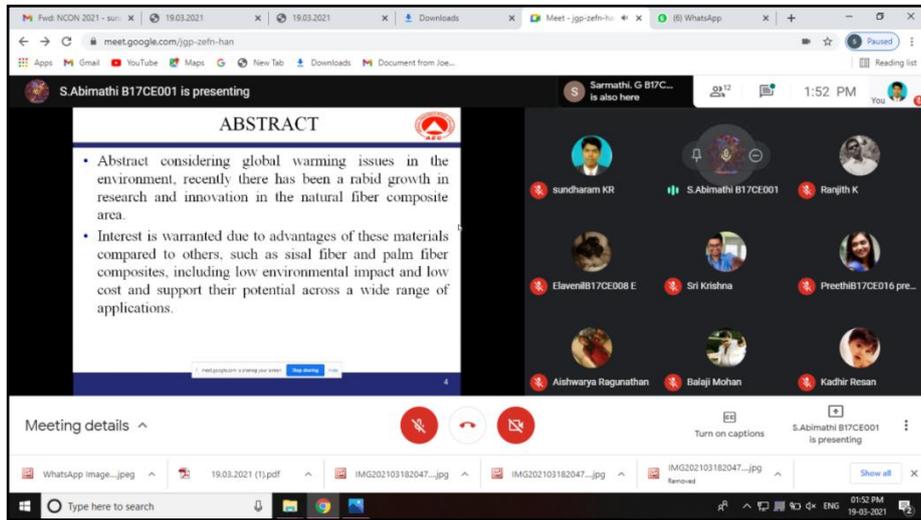
KEYNOTE ADDRESS

Er.R.Ramachandran, Superintendent Engineer (Rtd) PWD Government of Tamilnadu graced the occasion as chief guest and delivered the keynote address. In his address, he lauded the Management and the academic administration of the institute for hosting a National Conference. He insisted that Civil Engineering is a prestigious branch and also a toughest branch. It was an educative experience which offered the audience a rare opportunity to get a glimpse on the key note topics.



TECHNICAL SESSION

The technical session started in an impressive manner, where participants eagerly presented their papers in various domains. The selected papers will be published in the journal **IJARBEST**.



Technical Session - Student Presentation

PARTICIPANT DETAILS:

TOTAL PAPERS- 36

EXTERNAL - 30

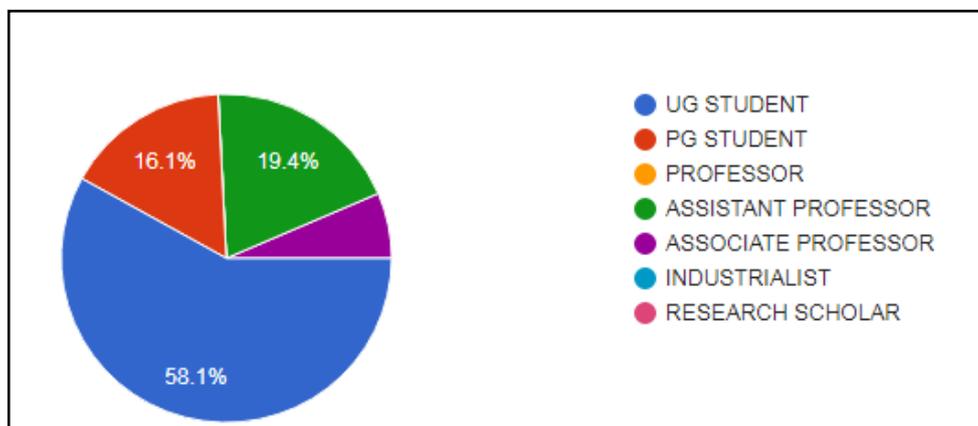
INTERNAL- 6

VALEDICTORY SESSION

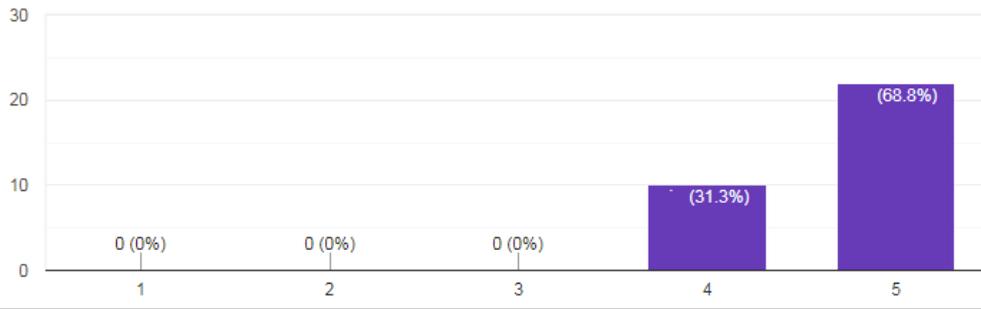
The valedictory session was conducted in the evening. The Conference ended with a vote of thanks delivered by Mr.M.Balaji, Assistant Professor who expressed his sincere thanks to the delegates for spending their precious time for the occasion. He heartily thanked the Management, Principal, all the faculty & Staff members and the students. He also appreciated the students for their passionate efforts with which they carried out the difficult task of making the Conference a grand success.

Feedback from the participants:

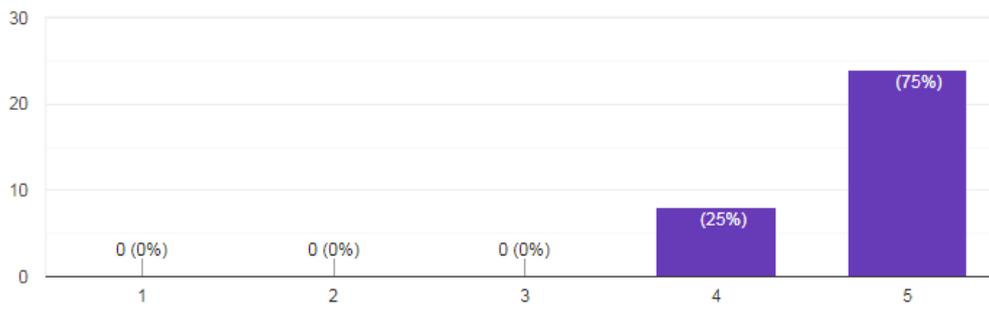
FULL NAME WITH INITIALS	COLLEGE NAME	TITLE OF THE PAPER (FULL TITLE)	How was it?	NC-ETAT	Overall rating	General Feedback and suggestions
Is Kings	Kings		5	5	5	Good
R. POOVADHARANI	Saranathan college of Engineering	Experimental investigation on concrete	4	5	4	Its good
G SIVA	Arasu engineering college	EXPERIMENTAL INVESTIGATION ON	5	4	4	Very good
Charulatha. S	Saranathan College of engineering	EXPERIMENTAL STUDY ON CONCRETE	5	5	5	It was good and informative
S.S.Soumiya	Saranathan college of engineering	Experimental study of concrete block v	5	5	5	It was good and informative
Kadhiresan.B	E. G. S. Pillay Engineering College	Assessment of Air quality in and arour	5	5	5	Good. The E-Conference is very much usefull for my carrier. I am tankfull for all.
DINESH KUMAR R	Easwari Engineering College (Auto	INVESTIGATION ON PRODUCTION O	4	4	4	Good
SRIKRISHNA L	Easwari Engineering College, Ram	Investigation on Production of Concret	5	5	5	Very good opportunity for me to participate in this conference
Arunachalam. S, Ajith. S	Arasu Engineering college	Experimental study on floating compo	5	5	5	Good presentation
S.SHYAM SUNDAR	EGS PILLAY ENGINEERING COLLEGE	A positive approach on the reduction c	4	5	4	Nice
Saranya.B	Arasu Engineering College	Study experiment fiber concrete using	5	5	5	Conference was excellent
VJAY.R	ARASU ENGINEERING COLLEGE	EXPERIMENTAL INVESTIGATION ON	5	4	4	Good
Arunachalam. S	Arasu Engineering college	Experimental Study on Floating Comp	5	5	5	Good presentation
Kadhiresan.B	E. G. S. Pillay Engineering College	Assessment of Air quality in and arour	5	5	5	Good. The E-Conference is very much usefull for my carrier. I am tankfull for all.
AJITH S	Arasu engineering college	Experimental study on floating compo	5	5	5	Good
A. SYED AHAMED	ARASU ENGINEERING COLLEGE	Experimental study on floating compo	5	5	5	Good
Shyam Sundar.S	E. G. S. Pillay Engineering College	Assessment of Air quality in and arour	5	5	5	The E-conference is very use full for all.
L.NEERKAMALI	Saranathan college of engineering,	Experimental investigation on concrete	5	4	5	It was a nice platform to gain knowledge. .thankyou for this opportunity
VENKATESAN G	SARANATHAN COLLEGE OF ENGINEERING	Experimental Study on Concrete with p	5	5	5	GOOD
VENKATESAN G	SARANATHAN COLLEGE OF ENGINEERING	Experimental Investigation on Concret	5	4	5	Good
NAVEEN.R	MAILAM ENGINEERING COLLEGE	Investigation of ground water quality in	5	5	5	Good
ASHOK KUMAR A	Arasu engineering college	Experimental study on Bacterial concr	5	5	5	Very usefull
Hari Prasad K	Mailam engineering college	Investigation of ground water quality in	5	5	5	Really a nice experience
T. VIGNESH	ARASU ENGINEERING COLLEGE	Experimental study of bacterial concrete	4	4	5	Very use full lecture
Dr. P. RAMAMOORTHY	Mailam Engineering college	Investigation of Groundwater Quality in	5	5	5	All sessions are informative and useful
G.SARMATHI	Arasu engineering college	The study experiment on fibre concrete	5	5	5	Super
N. Joe Daniel	Mailam engineering	Underground water quality check for d	5	5	5	Thanks for good program
SARMATHI.G	Arasu engineering college	Study of experiment on combined fibre	5	5	5	Super



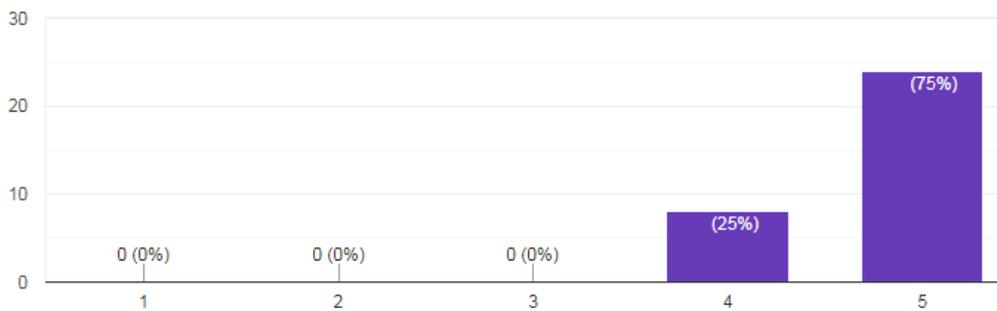
Keynote address by Chief Guest

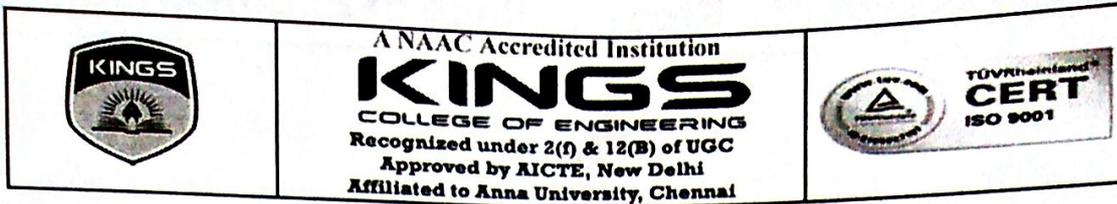


NC-ETATCE'21 - Conference Theme



Overall rating for the conference





**DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020 - 2021 (EVEN SEMESTER)
CIRCULAR**

DATE: 01.03.2021

Staff members are requested to attend the internal staff seminar on 02.03.2021.

Resource Person : Ms.D.Shrividhya
Date : 02.03.2021
Time : 12:30 PM to 01:30 PM
Venue : Civil Department


STAFF IN CHARGE


01/02/21
HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING

02/03/2021

INTERNAL STAFF SEMINAR - ATTENDANCE AND FEED BACK

S.NO	NAME	FEEDBACK	SIGN
1	Ms. R. Revathi	Useful topic and nice presentation	[Signature] 2/3/2021
2	Dr.R.Saravanan	Very Good Presentation	[Signature] 2/3/2021
3	Ms.T.Bhuvaneswari	Presentation was too good.	[Signature] 2/3/2021
4	Mr.K.Arun	Very good Presentation	[Signature] 2/3/2021
5	Mr.R.Sundharam	Presentation was good and useful.	[Signature] 2/3/2021
6	Mr.K.Ranjith	Good presentation.	[Signature] 2/3/2021
7	Ms.V.Ishwarya	Useful topic & Nice presentation	[Signature] 2/3/2021
8	Mr.M.Balaji	Useful topic	[Signature] 2/3/2021



DEPARTMENT OF CIVIL ENGINEERING

02/03/2021

ACADEMIC YEAR 2020-2021/EVEN

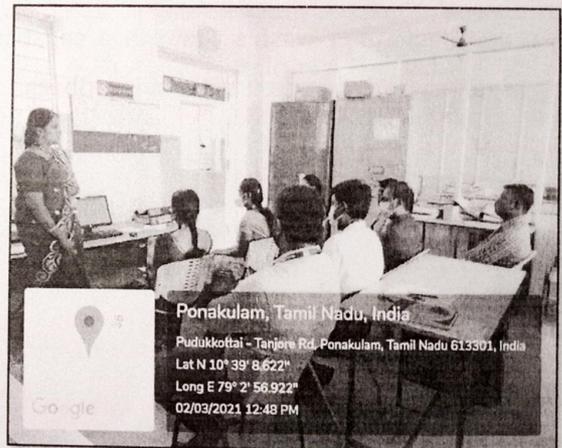
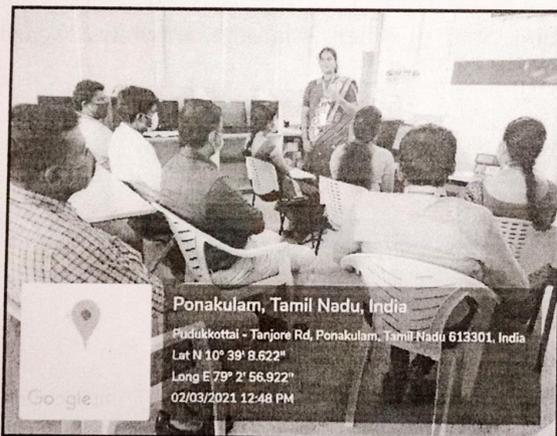
INTERNAL STAFF SEMINAR – REPORT

Background & Objective

Department of Civil Engineering had organized an Internal Seminar for the Department staff members for accessing online journals. The purpose of this seminar is to equip the faculty in new techniques through accessing online journals (SPRINGER journal).

Seminar Session

A Seminar was held in the Department of Civil Engineering on 2nd March, 2021 at 12:45PM. The seminar was presided over by **Ms.R.Revathi, HoD.**, Department of Civil Engineering. All the faculties were present in the seminar. **Ms.D.Shrividhya/AP** delivered her seminar talk on “**Construction and Demolition Waste Management - A REVIEW**”



Seminar talk by Ms..D.Shrividhya/AP

Theme: sustainable C&D waste management is becoming increasingly essential to protect public health and natural ecosystems. This paper proposes a conceptual C&D waste management framework to maximize the 3R (reduce, reuse and recycle) and minimize the disposal of

construction waste by implementing sustainable and comprehensive strategy throughout the lifecycle of construction. In addition, a life cycle based C&D waste sustainability index is developed. This approach can be used to make decisions related to selection of material, sorting, recycle/reuse and treatment or disposal options for C&D waste. Waste management systems include waste avoidance and minimization through recycling/reusing, waste to energy options (where possible) and safe disposal and discharge.

Outcome :

The Seminar clearly highlighted the reduction and management strategies to minimize the construction and demolition waste. Staff Members also got an idea about the usage of recycled wastes in construction industry like recycled aggregate, timber, bricks, glass plastic, pipes dredging, paints and varnishes etc., This seminar proves to be very effective in such a way that, it highlighted the lifecycle assessment approach. Also this seminar provides the wide scope for managing the construction and demolition wastes into sustainable usage of resources. Finally, discussions were made among faculty members in various re-utilization of recycled construction and demolition wastes again in a construction. Staff members shared their views regarding seminar and gave their valuable feedback.

Red
2/3/2021
HOD/CIVIL

Good

J. Ananthani
2/3/2021
PRINCIPAL



**DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020 – 2021 (EVEN SEMESTER)
CIRCULAR**

DATE: 26.02.2021

An internal seminar on “OUTCOME BASED EDUCATION & CO-PO-PSO-PEO” will be conducted in our Civil department on 01.03.2021. All the Staff members and students of our department are requested to attend the internal staff seminar without fail.

Resource Person : Ms.R.Revathi, HoD/Civil
Ms.T.Bhuvaneswari, PAC member/Civil
Mr.K.Arun, IQAC member/Civil
Mr.R.Sundharam, Deputy CE/Civil

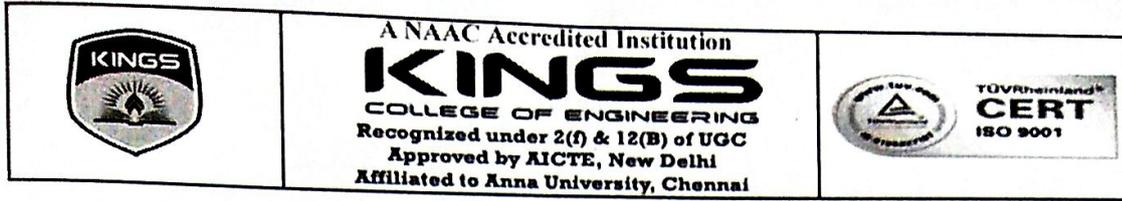
Date : 01.03.2021

Time : 01:00 PM to 02:00 PM

Venue : Seminar Hall (2nd Floor)


STAFF IN CHARGE


HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING
INTERNAL STAFF SEMINAR - ATTENDANCE

01.03.2021

S.NO	NAME
1	Ms.R.Revathi
2	Dr.R.Saravanan
3	Ms.T.Bhuvanewari
4	Mr..Sundharam
5	Mr.K.Arun
6	Mr.S.Kamaraj
7	Mr.K.Ranjith
8	Ms.V.Ishwarya
9	Ms.D.Shrividhya
10	Mr.M.Balaji


STAFF INCHARGE


01/03/21
HOD/ CIVIL



**DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020-2021 (EVEN SEMESTER)
SEMINAR on OBE - REPORT**

Background & Objective:

Outcome-based education (OBE), also known as standards-based education, is an educational theory that bases each part of an educational system around goals (outcomes). Already we are following OBE in our educational practices. In order to practice OBE efficiently, an internal seminar to students was conducted by Department of CIVIL Engineering on **01.03.2021** at IT Block Seminar hall by 01:15 PM.

Briefing on Institution & Department Vision, Mission:

Ms.R.Revathi, HoD/Civil, narrated the Vision & Mission of KINGS COLLEGE OF ENGINEERING. In addition she also explained the Vision & Mission of DEPARTMENT OF CIVIL ENGINEERING. She also described about the purpose of Vision & Mission and how it can be achieved through OBE.



Briefing on Institution & Department Vision, Mission by Ms.R.Revathi, HoD/Civil

CO-PO-PSO-PEO:

The session was continued by **Mr.K.Arun, IQAC Member/Civil**. He listed out the Course outcome (CO), Programme outcome (PO), Programme specific outcome (PSO) and Programme Educational Objective (PEO) for the department of Civil Engineering. He also detailed about the difference between Course outcome and Programme outcome, and how PSO and PEO can be attained for a specific Programme. CO for a particular subject was also explained for better understanding of the students.



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 530-1, Thethu Vasal Patti, Gandarkottai, Pudukkottai - Tanjore
 Rd, Ponakulam, Tamil Nadu 613301, India
 Lat N 10° 39' 31.4964"
 Long E 79° 3' 8.3628"
 01/03/2021 01:41 PM



Ponakulam, Tamil Nadu, India
 Kings College of Engineering Bus Stop, National Highway 226,
 Tamil Nadu 613301, India
 Lat N 10° 38' 50.8776"
 Long E 79° 2' 49.2936"
 01/03/2021 01:40 PM

Briefing on CO-PO-PSO-PEO by Mr.K.Arun, IQAC Member/Civil.

BLOOMS TAXONOMY (BT):

The session was next followed by **Ms.T.Bhuvaneswari, PAC Member/Civil**. She presented about the 6 levels of BLOOMS TAXONOMY. She also detailed about, how we are implementing the Blooms Taxonomy in our Assessment examinations.



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 Long E 79° 2' 59.4636"
 01/03/2021 01:48 PM



Tamil Nadu, India
 Block 2, Manamadurai - Tanjavur Rd, Tamil Nadu 613301, India
 Lat N 10° 38' 47.6052"
 Long E 79° 2' 53.124"
 01/03/21 01:49 PM

Briefing on Blooms Taxonomy by Ms.T.Bhuvaneswari, PAC Member/Civil.

QB Format :



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 Long E 79° 2' 53.124"
 01/03/21 01:58 PM



Tamil Nadu, India
 Kings College of Engineering Bus Stop, National Highway 226,
 Tamil Nadu 613301, India
 Lat N 10° 38' 57.2064"
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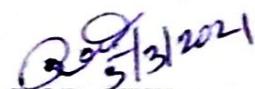
Briefing on New QB format by Mr.R.Sundharam, Dy. CE/Civil.

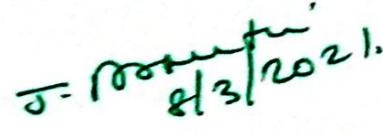
Finally, the session was concluded by **Mr.R.Sundharam, Dy.CE/Civil**. He explained about our new Question bank format, which includes the Blooms Taxonomy levels and course outcome for each question.

Outcome

All the II, III & IV Yr students and staff members from department of Civil Engineering were benefited by the internal seminar. Students gained clear view about our OBE practices and CO-PO-PSO-PEO. Students were motivated for achieving the Vision and Mission through OBE. In addition Blooms Taxonomy implementation and new QB format were well understood by the students, which will help them in their preparation for assessments in a better manner.


05/05/2021
IQAC MEMBER


5/3/2021
HOD-CIVIL


8/3/2021
PRINCIPAL



**DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020 – 2021 (EVEN SEMESTER)
CIRCULAR**

DATE: 10.02.2021

Staff members are requested to attend the internal staff seminar on 11.02.2021.

Resource Person : Mr.K.Ranjith
Date : 11.02.2021
Time : 11:30 AM to 02:30 AM
Venue : Civil Department


10/2/21
STAFF INCHARGE


10/02/21
HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING

11/02/2021

INTERNAL STAFF SEMINAR - ATTENDANCE AND FEED BACK

S.NO	NAME	FEEDBACK	SIGN
1	Ms. R. Revathi	Applications of ANSYS & Used two Journals - Excellent for Seminar.	<i>[Signature]</i> 11/2/21
2	Ms.T.Bhuvaneshwari	Excellent explanation on stress softening line & hatched slope	<i>[Signature]</i> 11/2/21
3	Mr.R.Sundharam	-	-
4	Mr.K.Arun	Good Explanation about the topic with Scope in future	<i>[Signature]</i> 11/02/21
5	Ms.V.Ishwariya	Nice presentation. Innovative topic.	<i>[Signature]</i> 11/2/21
6	Ms.D.Shrividhya	Innovative Topic and Good Presentation.	<i>[Signature]</i> 11/2/2021

Good.
2 papers discussed.
 J. Praveen
 12/2/2021.



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020-2021/EVEN
INTERNAL STAFF SEMINAR – REPORT

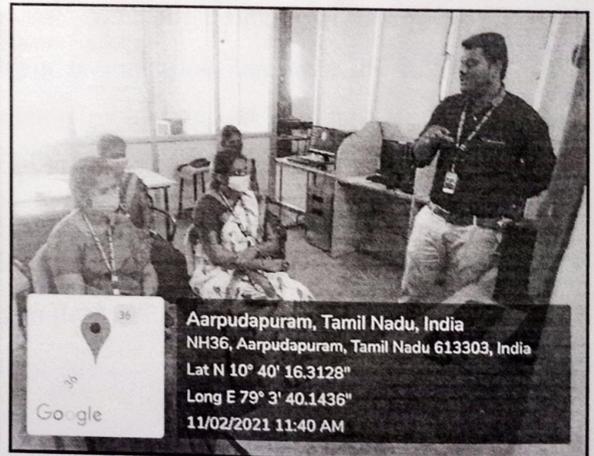
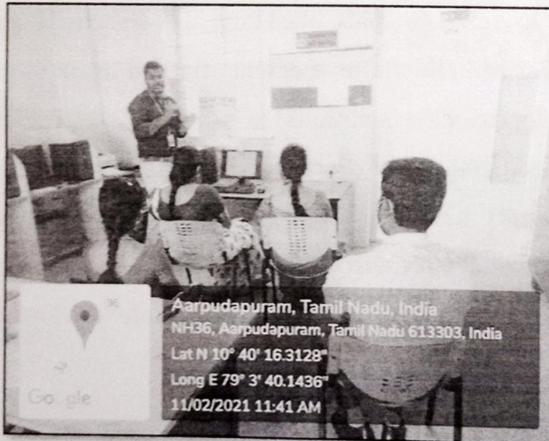
11/02/2021

Background & Objective

Department of Civil Engineering had organized an Internal Seminar for the Department staff members for accessing online journals (MAT). The purpose of this seminar is to equip the faculty in new techniques through accessing online journals.

Seminar Session

A Seminar was held in the Department of Civil Engineering on 11th February, 2021 at 11:30AM. The seminar was presided over by **Ms.R.Revathi, HoD.**, Department of Civil Engineering. **Mr.K.Ranjith /AP** delivered her seminar talk on *“Analysis of plain Concrete pavement in ANSYS”* and *“Analysis of compressive strength of concrete using different SulphonatedNaphthalene Polymer based admixtures”*.



Seminar talk by Mr.K.Ranjith /AP

The themes discussed were: ANSYS, Super plasticizers, ready mix concrete, pre-stressed concrete, , pumped Concrete, Sulfonated Naphthalene Polymer base.

The significant points of the paper:

- From the paper it is very clear that the finite element modeling for concrete pavement is very essential. ANSYS 11.0 is very good tool and the results obtained are the contours of stress, strain and forces.
- The deformed shapes are also visible. The stresses and strains in terms of different colors are also visible.
- The test of compressive strength of concrete for SNP (Master Rheobuild 623) shows that, as the water cement ratio increases the strength of the concrete declines.
- Using this super plasticizer in concrete, the highest values are obtained for the lowest water cement ratio and this is about 4200 psi.
- The same thing is also happened for SNP (Con-Lub) and SNP (Master Rheobuild 1100) that, when the water cement ratio increases the strength of concrete decreases.
- The highest value of compressive stress for SNP (Con-Lub) is obtained at 28 days for 0.30 w/c ratio is closer to 4400 psi and for SNP (Master Rheobuild 1100) the highest value is obtained at 28 days for 0.30 w/c ratio is closer to 4400 psi.

Outcome

The Seminar highlighted the new method to solve complex elasticity and structural analysis problems in civil and aeronautical engineering. The finite element method is a numerical procedure that can be applied to obtain approximate solutions to a variety of problems in engineering. There are many ways to reduce permeability of concrete. The most economical way is reducing the water / cement ratio. The results have shown substantial improvement in the properties of concrete after use of the admixtures. Finally, discussions were made among faculties on advanced techniques in ANSYS. Staff members shared their views in ANSYS software and shared their suggestions.

[Signature]
11/2/2021
HOD/CIVIL

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12/2/2021
PRINCIPAL



**DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020 – 2021 (EVEN SEMESTER)
CIRCULAR**

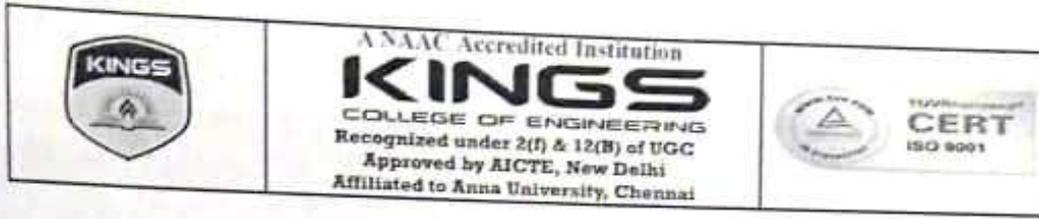
DATE: .28.01.2021

Staff members are requested to attend the internal staff seminar on 01.02.2021.

Resource Person : Ms.V.Ishwarya
Date : 01.02.2021
Time : 11:00 AM to 12:00 PM
Venue : Civil Department


28/1/21
STAFF IN CHARGE


28/01/21
HOD/CIVIL

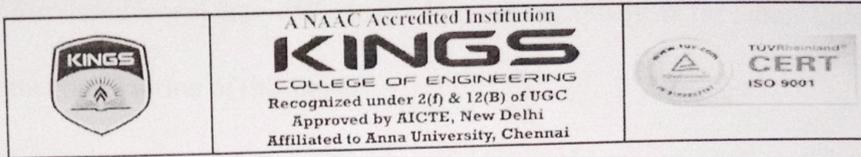


DEPARTMENT OF CIVIL ENGINEERING

1/02/2021

INTERNAL STAFF SEMINAR - ATTENDANCE AND FEED BACK

S.NO	NAME	FEEDBACK	SIGN
1	Ms. R. Revathi	Nice Topic	<i>[Signature]</i> 1/2/21
2	Ms.T.Bhuvaneswari	waste management in innovative way nice presentation	<i>[Signature]</i> 1/2/21
3	Mr.R.Sundharam	Nice presentation & understood about IOT	<i>[Signature]</i> 1/2/2021
4	Mr.K.Arun	Innovative & Interesting topic	<i>[Signature]</i> 1/02/2021
5	Mr.K.Ranjith	—	—
6	Ms.D.Shrividhya	Very informative & Nice Presentation	<i>[Signature]</i> 01/02/21



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020-2021/EVEN
INTERNAL STAFF SEMINAR – REPORT

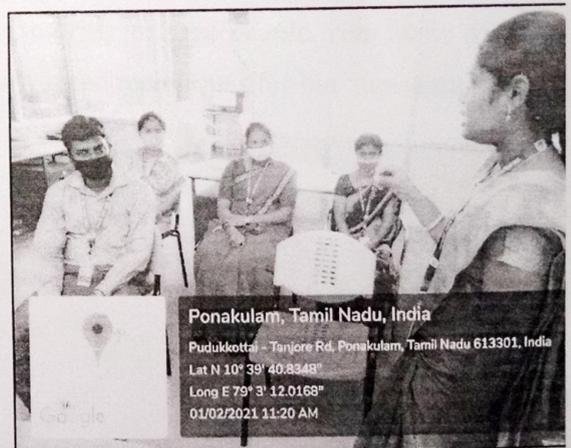
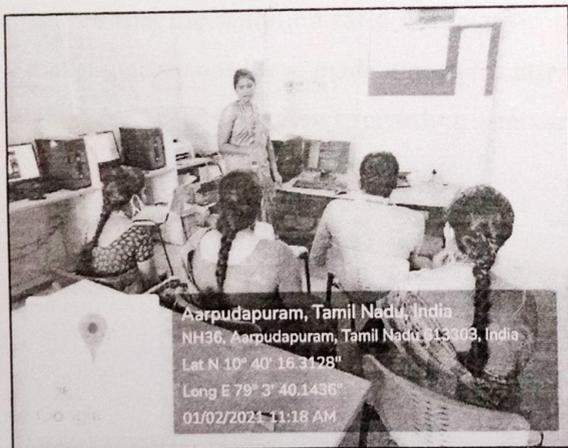
01/02/2021

Background & Objective

Department of Civil Engineering had organized an Internal Seminar for the Department staff members for accessing online journals (SPRINGER). The purpose of this seminar is to equip the faculty in new techniques through accessing online journals.

Seminar Session

A Seminar was held in the Department of Civil Engineering on 1st February, 2021 at 11:00AM. The seminar was presided over by **Ms.R.Revathi, HoD.**, Department of Civil Engineering. All the faculties were present in the seminar. **Ms.V.Ishwarya/AP** delivered her seminar talk on *“Internet of Things based Smart Waste Bin Monitoring and Municipal Solid Waste Management System for Smart Cities.”*



Seminar talk by Ms.V.Ishwarya/AP

The themes discussed were: Smart Waste Bin Monitoring and MSW for Smart Cities.

The significant contribution of this paper:

- i. The proposed model will provide efficient, real-time and IoT-based garbage collection solutions to municipal solid waste management.
- ii. It will improve environmental quality leading to reduce health issues by delivering scheduled emergency alerts.
- iii. It will reduce the cost and provide an efficient way to use resources.
- iv. It will help in reducing the traffic congestion as well as noise due to the municipal transportation.
- v. It will reduce the man power effort of municipal management by providing effective usage of garbage bins.

Outcome

The Seminar clearly highlighted the smart techniques and method for waste collection, transporting and disposal. Staff Members also got an idea in waste collected through IoT-based system and more effective as compared to traditional methods and in terms of waste-truck route optimization and cost reduction of the system. Based on IoT, the waste will be collected on time that reduces the pollution ratio in the environment in order to save people from many diseases. Finally, discussions were made among faculties on advanced techniques for bin management. Staff members shared their views regarding seminar and gave their feedback.

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11/2/21

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3/2/2021

PRINCIPAL



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020 - 2021 (EVEN SEMESTER)
CIRCULAR

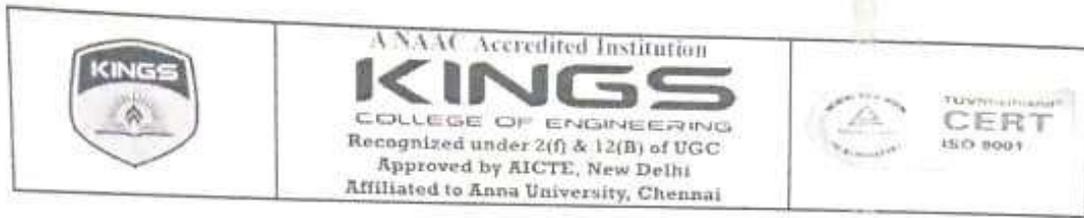
DATE: .27.01.2021

Staff members are requested to attend the internal staff seminar on 29.01.2021.

Resource Person : Mr.K.Arun, AP/Civil
Date : 29.01.2021
Time : 01:00 PM to 02:00 PM
Venue : Civil Department


29/1/21
STAFF INCHARGE


27/01/21
HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING

29/01/2021

INTERNAL STAFF SEMINAR - ATTENDANCE AND FEED BACK

S.NO	NAME	FEEDBACK	SIGN
1	Ms. R. Revathi	Innovative topic	<i>Revathi</i> 29/1/21
2	Mr.R.Sundharam	Good and Usefull session	<i>R. Sundharam</i> 28/1/21
3	Ms.T.Bhuvaneshwari	Overall an innovative topic to learn	<i>T. Bhuvaneshwari</i> 28/1/21
4	Mr.K.Ranjith	Very Informative presentation	<i>K. Ranjith</i> 28/1/21
5	Ms.V.Ishwarya	Very Interesting topic	<i>V. Ishwarya</i> 29/1/21
6	Ms.D.Shrividhya	Very Informative & Nice Presentation	<i>D. Shrividhya</i> 29/1/21



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020-2021/EVEN
INTERNAL STAFF SEMINAR – REPORT

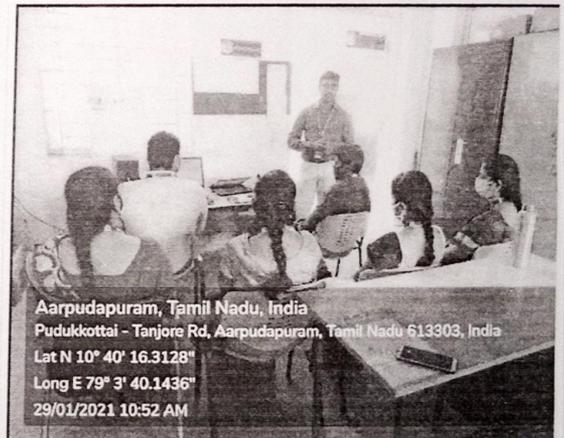
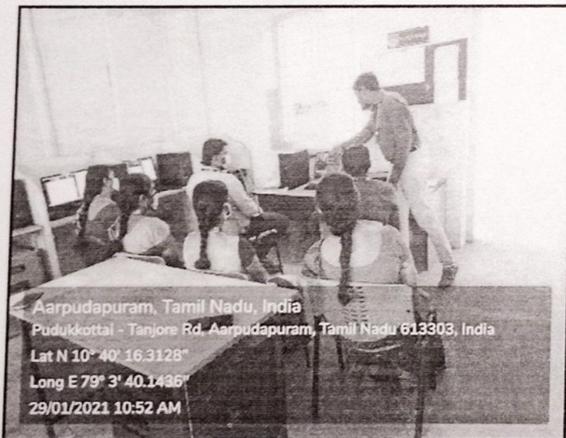
29/01/2021

Background & Objective

Department of Civil Engineering had organized an Internal Seminar for the Department staff members for accessing online journals. The purpose of this seminar is to equip the faculty in new techniques through accessing online journals (MAT journal).

Seminar Session

A Seminar was held in the Department of Civil Engineering on 29th January, 2021 at 01:00PM. The seminar was presided over by **Ms.R.Revathi, HoD.**, Department of Civil Engineering. All the faculties were present in the seminar. **Mr.K.Arun /AP** delivered his seminar talk on “**USE OF BAMBOO AS A CONSTRUCTION MATERIAL - A REVIEW**”



Seminar talk by Mr.K.Arun /AP

Theme: Researchers and architects are always looking for new materials for basic frameworks; utilizing bamboo as conceivable support has picked up fame. Giant bamboos are the largest members of the grass family. In bamboo, the intermodal regions of the stem are usually hollow and the vascular bundles in the cross section are scattered throughout the stem instead of in a

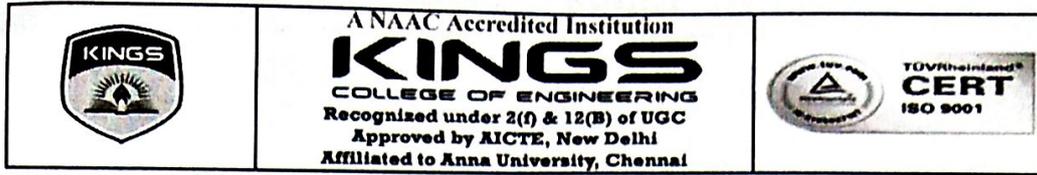
cylindrical arrangement. Bamboo includes some of the fastest growing plants in the world. Certain species of bamboo can grow 91cm within a 24 hour period. Bamboo culms are a cylindrical shell divided by solid transversal diaphragms at nodes and have some intriguing properties such as high strength in the direction parallel to the fibers, which run longitudinally along the length of the column, and low strength in a direction perpendicular to the fibers. Based on the different properties and characteristics of bamboo, it was concluded that Bamboo can potentially be used as substitute for steel reinforcement. Considering its credibility, there is a wide scope for designing multi story building using bamboo reinforcement in future.

Outcome :

The Seminar clearly highlighted the properties and characteristics of bamboo as an alternate material for building construction. Staff Members also got an idea about the usage of bamboo in construction industry like columns, beams, purlins, rafters & reapers, flooring, doors & windows, walls, ceiling, man-hole covers etc. This seminar proves to be effective in such a way that, it highlighted the potential replacement for steel reinforcement. Also this seminar provided the wide scope for designing multi story building using bamboo reinforcement in future, considering the credibility of bamboo. Finally, discussions were made among faculty members in various features of bamboo as a construction material. Staff members shared their views regarding seminar and gave their valuable feedback.

[Signature]
30/01/2021
HOD/CIVIL

[Signature]
2/2/2021
PRINCIPAL



**DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020 - 2021 (EVEN SEMESTER)
CIRCULAR**

DATE: .21.01.2021

Staff members are requested to attend the internal staff seminar on 23.01.2021.

Resource Person : Mr.R.Sundharam, AP/Civil
Date : 23.01.2021
Time : 01:00 PM to 02:00 PM
Venue : Civil Department


21/01/21
STAFF INCHARGE


21/01/21
HOD/CIVIL

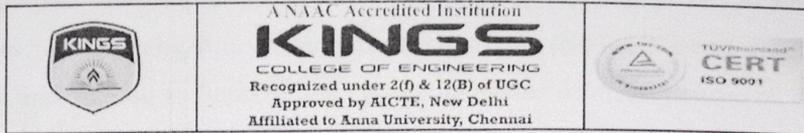


DEPARTMENT OF CIVIL ENGINEERING

23/01/2021

INTERNAL STAFF SEMINAR - ATTENDANCE AND FEED BACK

S.NO	NAME	FEEDBACK	SIGN
1	Ms. R. Revathi	Useful Topic	<i>[Signature]</i> 23/1/21
2	Ms.T.Bhuvaneshwari	Nice presentation. new technology.	<i>[Signature]</i> 23/1/21
3	Mr.K.Arun	Excellent presentation and good topic selection	<i>[Signature]</i> 23/01/2021
4	Mr.K.Ranjith	-	-
5	Ms.V.Ishwarya	Good presentation.	<i>[Signature]</i> 23/1/21
6	Ms.D.Shrividhya	Very Informative & Nice Presentation	<i>[Signature]</i> 23/1/21



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020-2021/EVEN
INTERNAL STAFF SEMINAR – REPORT

23/01/2021

Background & Objective

Department of Civil Engineering had organized an Internal staff Seminar for the staff members for accessing online journals (Springer). The purpose of this seminar is to equip the faculty in new techniques through accessing online journals.

Seminar Session

A Seminar was held in the Department of Civil Engineering on 23rd January, 2021 at 01:15PM. The seminar was presided over by **Ms.R.Revathi, HoD.**, Department of Civil Engineering. All the faculties were present in the seminar. **Mr.R.Sundharam/AP** delivered his seminar talk on “SEISMIC PERFORMANCE OF EXISTING WATER TANK AFTER CONDITION RANKING USING NON-DESTRUCTIVE TESTING”



Seminar talk by Mr.R.Sundharam /AP

The themes discussed were: Seismic diagnosis and seismic retrofit for the existing tanks. DER, i.e., degree (*D*), extent (*E*) and relevancy (*R*) rating technique, was employed to find out the condition

index of the elevated service reservoir (ESR). The ranking assessment of the elevated service reservoir was carried out using different non-destructive tests (NDTs). Numerous techniques have been originated and applied to improve the seismic behavior of these structures. Among all the natural disasters, earthquakes, being the most destructive and affecting structures, have also created a need to raise the current safety levels in structures. As per the recommendations of the prevalent codes, several existing structures were analyzed, designed and detailed. To make existing weak structures safe against future natural forces and possible earthquakes, retrofitting is one of the best options. In this research work, retrofitting techniques used are diagonal braces as a retrofitting system, FRP as a newly emerging material, and damper as technology.

Outcome

The Seminar obviously underlined the seismic vulnerability of the existing structures and the assessment of the elevated service reservoirs using non-destructive tests. The merits and demerits of the structure under seismic activity were discussed. Also the DER rating techniques used to find out the condition ranking of ESR and safety evaluation for rehabilitation or reconstruction, increasing the base shear of the structures using bracing, damper and FRP were also presented. At the end of seminar, discussions were done among the faculty members in various retrofitting techniques for different structures. Staff members shared their views regarding seminar and gave their feedback.

[Signature]
23/1/21
HOD/CIVIL

[Signature]
3/2/2021
PRINCIPAL



**DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020 – 2021 (EVEN SEMESTER)
CIRCULAR**

DATE: .10.01.2021

Staff members are requested to attend the internal staff seminar on 12.01.2021.

Resource Person : Ms.T.Bhuvanewari, AP/Civil
Date : 12.01.2021
Time : 01:00 PM to 02:00 PM
Venue : Civil Department


STAFF INCHARGE


HOD/CIVIL

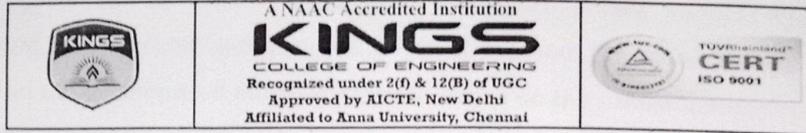


DEPARTMENT OF CIVIL ENGINEERING

12/01/2021

INTERNAL STAFF SEMINAR - ATTENDANCE AND FEED BACK

S.NO	NAME	FEEDBACK	SIGN
1	Ms. R. Revathi		
2	Mr.R.Sandharam	New topic, Nice presentation	<i>[Signature]</i> 12/1/21
3	Mr.K.Arun	Good presentation, know more about the journal and the new topics	<i>[Signature]</i> 12/1/21
4	Mr.K.Ranjith	Excellent presentation. came to know about new things in journal access	<i>[Signature]</i> 12/1/21
5	Ms.V.Ishwarya	Good presentation, new innovative topic	<i>[Signature]</i> 12/1/21
		learnt about journal access and good presentation	<i>[Signature]</i> 12/1/21



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020-2021/EVEN
INTERNAL STAFF SEMINAR – REPORT

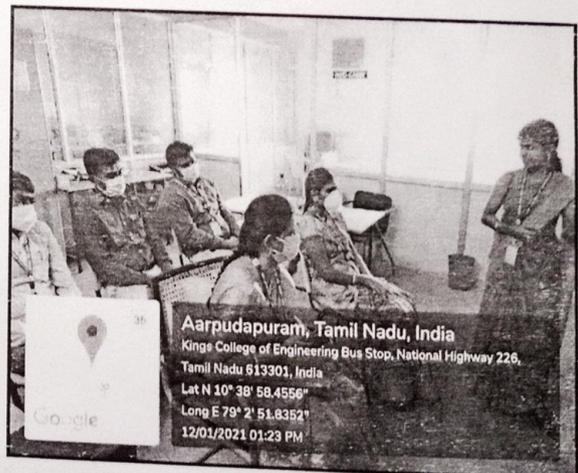
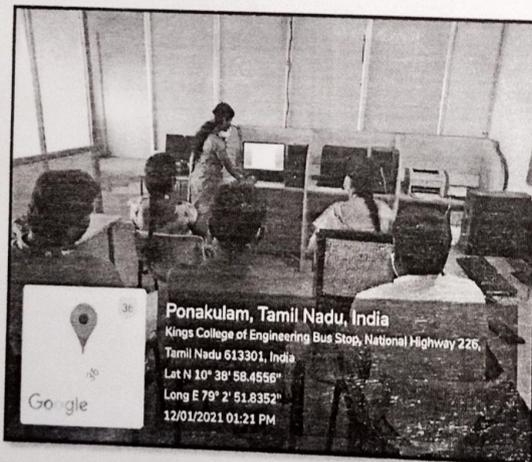
12/01/2021

Background & Objective

Department of Civil Engineering had organized an Internal Seminar for the Department staff members for accessing online journals. The purpose of this seminar is to equip the faculty in new techniques through accessing online journals.

Seminar Session

A Seminar was held in the Department of Civil Engineering on 12th January, 2021 at 01:00PM. The seminar was presided over by **Ms.R.Revathi, HoD.**, Department of Civil Engineering. All the faculties were present in the seminar. **Ms.T.Bhuvaneswari/AP** delivered her seminar talk on “Experimental Verification of Modal Identification of a High-rise Building Using Independent Component Analysis”.



Seminar talk by Ms.T.Bhuvaneswari/AP

The themes discussed were: ICA method, a novel method for identification of the modal parameters from the decomposed modal responses, Blind Source Separation techniques, robust

mathematical model and so on. The study aims to experimentally validate the blind source separation using ICA method and propose a novel method for identification of the modal parameters from the decomposed modal responses. Based on the robust mathematical model, ICA can calculate the natural frequency and damping ratio effectively using the probability distribution function of the instantaneous natural frequency determined by Hilbert transform of the decomposed modal responses and the change in the output covariance. The mode shapes obtained by ICA method agree with those by the analytical and peak picking methods. Advantage of using ICA is verified by reversing the separate modes obtained by ICA. The restoring of the outcome of ICA results in the original output signal without any deterioration in the data quality

Outcome

The Seminar clearly highlighted the new techniques and method to validate the parameters. Staff Members also got an idea in the validity of the proposed method which paves the way for more effective output-only modal identification for assessment of existing steel-concrete buildings. The ICA and Hilbert transform-based scheme can identify explicitly modal parameters of existing buildings. Finally, discussions were made among faculties in various new techniques. Staff members share their views regarding seminar and gave their feedback.

Red
18/1/21
HOD/CIVIL

J. Romantini
18/1/2021

PRINCIPAL



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020 - 2021 (ODD SEMESTER)
CIRCULAR

DATE: .07.12.2020

Staff members are requested to attend the internal staff seminar on 08.12.2020.

Resource Person : Ms.T.Bhuvaneshwari, AP/Civil
Date : 08.12.2020
Time : 03:00 PM to 04:00 PM
Venue : Civil Department


7/12/20
STAFF INCHARGE


07/12/20
HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING
INTERNAL STAFF SEMINAR - ATTENDANCE

08.12.2020

S.NO	NAME
1	Ms.R.Revathi
2	Mr..Sundharam
3	Mr.K.Arun
4	Mr.K.Ranjith
5	Mr.S.Kamaraj
6	Ms.M.Priya
7	Mr.S.R.Elwin Guru Chanth


STAFF INCHARGE


08/12/20
HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020-2021 (ODD SEMESTER)
BLOOMS TAXONOMY SEMINAR REPORT

Date: 08.12.2020

Time: 03:15 - 04:00 PM

Background & Objective

Internal Quality Assurance Cell & Department of Civil Engineering had organized, Internal Seminar on BLOOMS TAXONOMY for the Department staff members for better understanding of the BT process.

Seminar Session

A seminar was organized on 08th December 2020 at the Department of Civil Engineering. Ms.T.BHUVANESWARI, PAC member/Civil delivered the seminar on BLOOMS TAXONOMY. Since we are already following BLOOMS TAXONOMY in our Assessment Examinations, she clarified about the revisions made in the Blooms taxonomy. She also mentioned the effectiveness of using BT in Assessment Examinations which will be reflected in the Learning outcome. Finally she concluded her seminar with appropriate examples for all the VI Levels.



BT SEMINAR SESSION

Outcome

The Seminar clearly highlighted the impact of BLOOMS TAXONOMY in our Assessment exams. Staff Members also got a clear picture about various levels of BT and its usage.

[Signature]
21/12/2020
IQAC MEMBER

[Signature]
21/12/2020
HOD-CIVIL

[Signature]
21/12/2021
PRINCIPAL

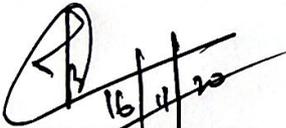


**DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020 – 2021 (ODD SEMESTER)
CIRCULAR**

DATE: .16.11.2020

Staff members are requested to attend the internal staff seminar on 17.11.2020.

Resource Person : Mr.K.Arun, AP/Civil
Date : 17.11.2020
Time : 01:00 PM to 02:00 PM
Venue : Civil Department


16/11/20
STAFF INCHARGE

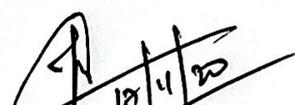

16/11/20
HOD/CIVIL



DEPARTMENT OF CIVIL ENGINEERING
INTERNAL STAFF SEMINAR - ATTENDANCE

17.11.2020

S.NO	NAME
1	Ms.R.Revathi
2	Mr..Sundharam
3	Mr.K.Arun
4	Mr.K.Ranjith
5	Ms.M.Priya
6	Mr.S.R.Elwin Guru Chanth


17/11/20
STAFF IN CHARGE


17/11/20
HOD/CIVIL



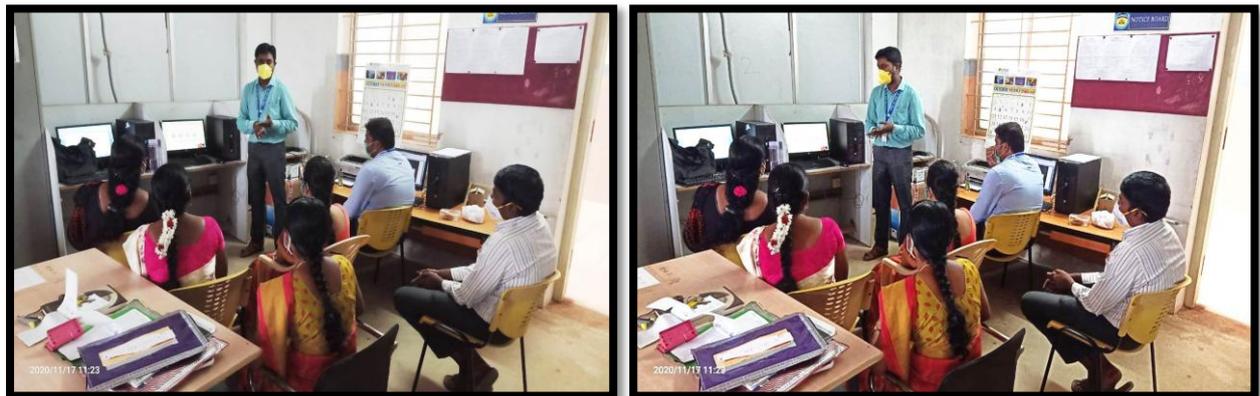
**DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR 2020-2021 (ODD SEMESTER)
CO-PO MAPPING - PROCESS REPORT**

Background & Objective

Outcome-based education (OBE), also known as standards-based education, is an educational theory that bases each part of an educational system around goals (outcomes). By the end of the educational programme, each student should have achieved the goal. In order to strengthen OBE practice, it is necessary to amend Course Outcome (CO) and Programme outcome (PO).

Draft Session on CO-PO Mapping

Draft session on CO-PO mapping was presented by Mr.K.Arun, IQAC member/Civil to the department staff members on 17.11.2020. In the Drafting session department Programme outcome (PO), Programme specific outcome (PSO), Programme Educational objectives (PEO), Course Outcome (CO) were summarized and CO-PO mapping was clarified to the staff members.



DRAFT SESSION 17.11.2020

CO-PO Mapping Presentation at Seminar Hall

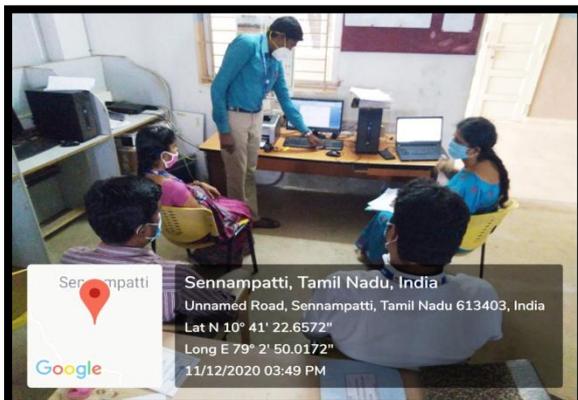
In continuation to the draft session, Staff members were asked to prepare CO-PO Mapping, CO Attainment, Course Articulation Matrix and Assessment paper quality matrix for their corresponding subjects. Department level presentation was organized at the Seminar hall (PALLAVA HALL) on 18.11.2020. Ms.M.Priya, AP/Civil, Mr.R.Sundharam, AP/Civil & Mr.K.Arun, AP/Civil presented the CO-PO mapping for their respective subjects. The presentation was monitored by Principal, Vice Principal, Hod's of various departments and IQAC coordinator. Suggestions and Feedback were given by the expert members for the betterment of the CO-PO Mapping.

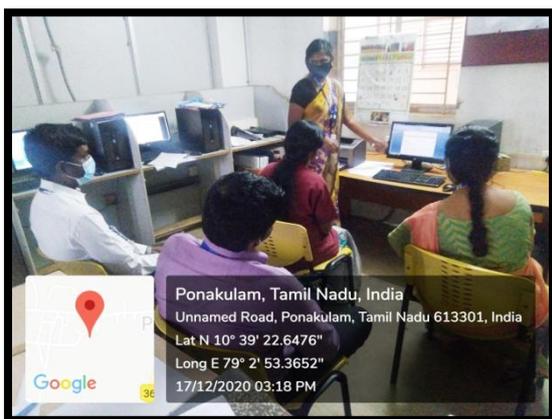
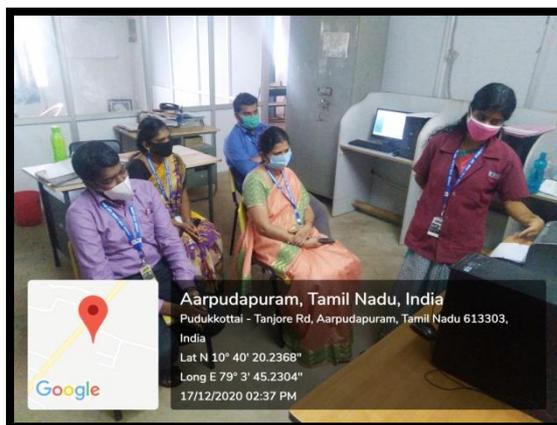
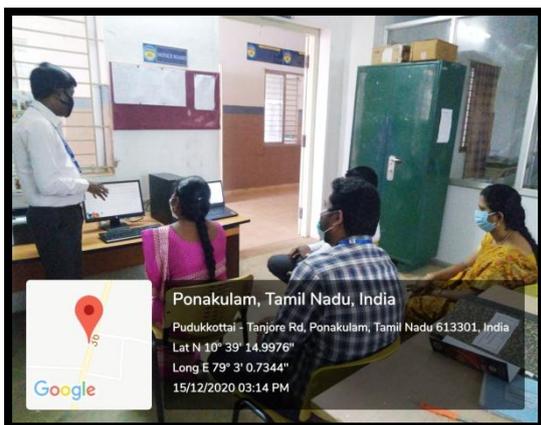


PRESENTATION AT PALLAVA HALL ON 18.11.2020

CO-PO Mapping Presentation at Department

Form the feedback and suggestions given by Principal, Vice Principal, Hod's and IQAC coordinator changes were made in the CO-Po mapping and again department level presentation were done by staff members for their corresponding subjects.





CO-PO MAPPING PRESENTATION AT DEPARTMENT

Outcomes

The staff members got a clear overview of Programme outcome (PO), Programme specific outcome (PSO), Programme Educational objectives (PEO), Course Outcome (CO) and the importance of proper CO-PO Mapping for obtaining OBE.

K. Anand
 17/12/2020
 IQAC MEMBER

Ravi
 17/12/2020
 HOD-CIVIL

J. Ananthi
 22/12/2020
 PRINCIPAL



DEPARTMENT OF CIVIL ENGINEERING
FACULTY FDP/WORKSHOP/SEMINAR ORGANIZED DETAILS (2019-2020)
TABLE OF CONTENTS

S NO	DATE	PROGRAMME TITLE	No OF PARTICIPANTS
1	13.02.2020	One Day Workshop on "PLANNING AND DRAFTING OF APPROVAL DRAWING"	12
2	06.03.2020	One Day Workshop "Column Marking & Total Station"	12



A NAAC ACCREDITED INSTITUTION

KINGS
COLLEGE OF ENGINEERING

RECOGNIZED BY UGC 2(F) & 12(B)

(APPROVED BY AICTE, NEW DELHI & AFFILIATED TO ANNA UNIVERSITY CHENNAI)



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CERT
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DEPARTMENT OF CIVIL ENGINEERING

PROUDLY PRESENTS

ONE DAY WORKSHOP ON

PLANNING AND DRAFTING OF APPROVAL DRAWING

13.02.2020

VENUE:

CHERA HALL

TIME:

10:00 AM

One Day Workshop on
"Planning and Drafting of
Approval Drawing"
REGISTRATION FORM

NAME :

YEAR :

COLLEGE :

ADDRESS :

CONTACT NO :

EMAIL ID :

Date Signature of the Applicant

REGISTRATION FEE

UG students : Rs. 200/-

PG students : Rs. 250/-

SPONSORING CERTIFICATE

This is to certify that Mr./Ms. _____
_____ of
_____ department is
being sponsored for attending the one day
workshop on "Planning and Drafting of
Approval Drawing" organized by
Department of Civil Engineering, Kings
College of Engineering on 13th February,
2020.

Date & Seal Signature of sponsoring
authority

Organizing Committee

Chief Patron

Dr.R.Rajendran

Secretary, Raj Educational Trust

Mr. T.R.S. Muthukumaar

CEO

Patron

Dr. J.Arputha Vijaya Selvi

Principal

Co-Patron

Dr. S. Sivakumar

Vice Principal

Resource Person

Ms.R.Revathi

HOD / CIVIL

Organizer

Ms.M.Priya

AP/CIVIL

Phone: +91-9500817096

Contact Us :

**The Head Of the Department,
Department of Civil Engineering,
Kings College of Engineering,
Punalkulam,
Thanjavur - 613 303,
Tamil Nadu, INDIA.**



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KINGS

COLLEGE OF ENGINEERING

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(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

One Day Workshop
on

**"Planning and Drafting of
Approval Drawing"**

13.02.2020

THURSDAY



Organized by
**Department
of
Civil Engineering**

About the Institution :

Kings College of Engineering (KCE) is an institution which was formed with the single aim of providing quality education to the poor and underprivileged students. KCE is approved by All India Council for Technical Education (AICTE), New Delhi and is affiliated to Anna University, Chennai.

The Institution was established in the year 2001 on a sprawling campus of around 50 acres on the Thanjavur – Pudukkottai Highway and run by Raj Educational Trust (RET), Chennai.

The Institution offers five UG and four PG programmes and certified with ISO 9001 : 2008. The state of the art teaching methodologies are used to impart high quality education to the students including e-



About the Department :

The Department of Civil Engineering was established in the year 2010 and offers 4 years UG programme. It is well equipped with research laboratories and has dedicated staff members. The faculty members of the department have strong research experience in various fields of Structural Engineering, Soil Mechanics, Foundation Engineering, Environmental Engineering, Transportation Engineering, Surveying and Remote Sensing & GIS.

The Civil Engineering Association (FOCUS - Federation of Civil Uncharted Structures) organises various activities and events to unfold the prospects of Civil Engineering in the present day world.

The department has been engaged in various activities involving industry-institute interaction, visit to construction companies and factories under FVFS scheme, research and development, and services to society etc.

About the Workshop:

A civil drawing or an approval drawing, is a type of technical drawing that shows information about grading, landscaping, or other site details. These drawings are intended to give a clear picture of all things in a construction site to a civil engineer. Approval Drawing Workshop is broadly concerned with the Planning and Drafting of the drawing using AUTO CADD.

As a Civil Engineering student it is essential to be well versed in Planning and usage of software for drafting purposes. This workshop provides a platform for the UG/PG students to enhance themselves in hands on training.

How to Reach?

Thanjavur is well connected by Road / Rail transport from all major cities in Tamilnadu. Our college is located 15 kms from Thanjavur railway junction and 12 kms from the New Bus Stand on Thanjavur – Pudukkottai National Highway.



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Affiliated to Anna University, Chennai



DEPARTMENT OF CIVIL ENGINEERING

REPORT

ONE DAY WORKSHOP ON

“PLANNING AND DRAFTING OF APPROVAL DRAWING”

Venue: CHERA HALL, Kings College of Engineering

Date: 13.02.2020

BACKGROUND & OBJECTIVE

Department of Civil Engineering, Kings College of Engineering organised a One day workshop on “PLANNING AND DRAFTING OF APPROVAL DRAWING” for civil engineering students on 13.02.2020. Engineering students are lagging on practical exposure in preparing the approval drawing, hence it is planned to conduct the workshop in this arena to develop their soft skills.

INAUGURAL SESSION

The workshop was inaugurated by the Vice-Principal, Dr.S.SIVAKUMAR and the Resource person was Mrs.R.Revathi/HOD-Civil. Vice-Principal graced the occasion as chief guest and delivered the presidential address. In his address, he elucidated the rising technology and various opportunities in civil Engineering field. He also insisted the importance of non renewable resources such as sand and water. He also briefed the importance of Civil Engineering in various aspects. Finally while concluding, he encouraged the participants to make use of the college infra structure during the practical sessions. Vice-Principal was felicitated by Mr.R.Sundharam, A.P/Civil & Resource Person was Felicitated by Mr. K.Arun, A.P/Civil & Ms.M.Priya, A.P/Civil. 69 participants from various Engineering colleges participated in the workshop.



Welcome Address



Inaugural Address



Felicitation



Resource Person Address

WORKSHOP SESSIONS:-

Session I & Session II was handled by Mrs.R.Revathi, HOD/Civil. She presented about the Approval Drawing preparation procedure, Unit conversion used in Site, Planning of building components using bubble diagram. First she explained the aspects of planning process using PPT & white board, and after that she accompanied the participants to the practical sessions using free hand sketching. Session II was organised in IT-Block, CADD lab. Planning using Auto-CADD Software with PPT presentation has been made by Mrs.R.Revathi, HOD/Civil. A residential approval plan was issued in the workshop kit.



Session I- Chera Hall, Session II-CADD Lab



VALEDICTORY SESSION

The valedictory session was conducted in the evening which was graced by the civil department students and staffs. The session started with the sparkling speech from Mr.K.Arun, Asst.Proff/Civil who highlighted the civil engineering career opportunities. Next was the feedback session, in which the external participants gave their valuable feedbacks. Finally the participants were awarded with a certificate as an appreciation of their efforts during the workshop.



Feedback session & Vote Of Thanks



Certificate Distribution

PARTICIPANTS DETAILS:

S.NO	COLLEGE NAME	TOTAL STUDENT S
1	St.Joseph's College of Engineering & Technology	03
2	M.I.E.T Engineering College, Trichy	05
3	P.R Engineering College	10
4	Sir Issac Newton College of Engineering & Technology	10
5	University College Of Engineering, Rajamadam	06
6	University College Of Engineering, Thirukkuvalai	04
7	Government College Of Engineering, Sengipatti	01
8	Sri Bharathi Engineering College For Women	04
9	As-salam College Of Engineering	05
10	E.G.S Pillay Engineering College	14
11	A.R.J college of Engineering & Technology	05
12	PRIST University	02
TOTAL		69

OUTCOME:

Students gave very good feedback at the end of the workshop. Most of the students showed interest to participate in the upcoming workshops. The Participants database was collected in the registration form.

COORDINATOR**HOD/CIVIL**



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DEPARTMENT OF CIVIL ENGINEERING

PROUDLY PRESENTS

ONE DAY WORKSHOP ON

COLUMN MARKING AND TOTAL STATION

EXCLUSIVELY FOR DIPLOMA STUDENTS

06.03.2020

VENUE:

CHERA HALL

TIME:

10:00 AM

**One Day Workshop on
"Column Marking &
Total Station"**

REGISTRATION FORM

NAME :

YEAR :

COLLEGE :

ADDRESS :

CONTACT NO :

EMAIL ID :

Date **Signature of the Applicant**

REGISTRATION FEE

Rs. 150/-

SPONSORING CERTIFICATE

This is to certify that Mr./Ms. _____ of _____ department is being sponsored for attending the one day workshop on "Column marking and total station" organized by Department of Civil Engineering, Kings College of Engineering on 6th March, 2020.

Date & Seal **Signature of sponsoring authority**

Organizing Committee

Chief Patron

Dr.R.Rajendran

Secretary, Raj Educational Trust

Mr. T.R.S. Muthukumaar

CEO

Patron

Dr. J.Arputha Vijaya Selvi

Principal

Co-Patron

Dr. S. Sivakumar

Vice Principal

Organizer

Mr.K.Arun

AP/CIVIL

Phone: +91-9944688536

Mr.S.R.Elwin Guru Chanth

AP/CIVIL

Phone: +91-9524302420

Contact Us :

**The Head Of the Department,
Department of Civil Engineering,
Kings College of Engineering,
Punalkulam,
Thanjavur - 613 303,
Tamil Nadu, INDIA.**



A NAAC ACCREDITED INSTITUTION

KINGS

COLLEGE OF ENGINEERING

Recognised under 2(f) & 12B of UGC

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

**One Day Workshop
on**

**"Column Marking &
Total Station"**

EXCLUSIVELY FOR DIPLOMA STUDENTS

06.03.2020

FRIDAY



**Organized by
Department
of
Civil Engineering**

About the Institution :

Kings College of Engineering (KCE) is an institution which was formed with the single aim of providing quality education to the poor and underprivileged students. KCE is approved by All India Council for Technical Education (AICTE), New Delhi and is affiliated to Anna University, Chennai.

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The Civil Engineering Association (FOCUS - Federation of Civil Uncharted Structures) organises various activities and events to unfold the prospects of Civil Engineering in the present day world.

The department has been engaged in various activities involving industry-institute interaction, visit to construction companies and factories under FVFS scheme, research and development, and services to society etc.

About the Workshop:

The main objective of this workshop is to enrich the diploma students by providing a handful of experience in column marking and total station. Since column marking is the foremost activity in site execution it will be very much useful and informative for the polytechnic students to enrich themselves.

Total station is the modern equipment used in advanced surveying. Hence hands-on training in total station will add a bonus point for guaranteed jobs.

The workshop will be of two session in which the first session covers column marking in site and second session covers total station.

How to Reach?

Thanjavur is well connected by Road / Rail transport from all major cities in Tamilnadu. Our college is located 15 kms from Thanjavur railway junction and 12 kms from the New Bus Stand on Thanjavur – Pudukkottai National Highway.



DEPARTMENT OF CIVIL ENGINEERING

REPORT

ONE DAY WORKSHOP ON “COLUMN MARKING & TOTAL STATION” – For Diploma Students

Venue: CHERA HALL, Kings College of Engineering

Date: 06.03.2020

BACKGROUND & OBJECTIVE

Department of Civil Engineering, Kings College of Engineering organised a One day workshop on “COLUMN MARKING & TOTAL STATION” for diploma civil students on 06.03.2020. An overwhelming response was received from the polytechnic colleges and students showed tremendous interest to attend the workshop. The main aim of the workshop was to bring the diploma students to our college campus, so that they can get hands-on training in Total Station.

INAUGURAL SESSION

Mr.S.R.Elwin Guru Chanth, AP/Civil welcomed the gathering. The workshop was inaugurated by the Vice Principal, Dr.S.Sivakumar. He graced the occasion as chief guest and delivered the inaugural address. In her address, he elucidated the rising technology and various opportunities in civil Engineering field. Vice Principal also briefed the importance of Civil Engineering in various aspects. Finally while concluding, he encouraged the participants to make use of the college infra structure during the practical sessions.



WORKSHOP SESSIONS:-

The Session I was handled by Mr.K.Arun, AP/Civil. He presented about the basic conversions and factors to be known by a Civil Engineering in construction site. He also detailed about measurements, Unit conversions and narrated the diagonal and right angle checking methods using thumb rule. The Session II was handled by Mrs.R.Revathi, HoD/Civil. She presented about the site marking as per the drawing. First she explained the aspects of site marking in white board, and after that she accompanied the participants to the site and handled practical sessions

on site marking. The Session III was handled by Mr.R.Sundharam, AP/Civil. He presented about the Total station and its functions. He briefed about the working principle behind total station and also stated the various uses of total station.



VALEDICTORY SESSION

The valedictory session was conducted in the evening which was graced by the department staff members. The session started with the sparkling feedbacks from the external participants, in which the students gave their valuable feedbacks. Finally the participants were awarded with a certificate as an appreciation of their efforts during the workshop.



OUTCOME:

Students gained knowledge in Column marking & total station and also gave very good feedback at the end of the workshop. Most of the students showed interest to join Engineering. The Participants database was collected in the registration form.


COORDINATOR


HOD/CIVIL


PRINCIPAL



DEPARTMENT OF CIVIL ENGINEERING
FACULTY FDP/WORKSHOP/SEMINAR ORGANIZED DETAILS (2018-2019)
TABLE OF CONTENTS

S NO	DATE	PROGRAMME TITLE	No OF PARTICIPANTS
1	05.03.19	One Day Workshop on "Advanced Surveying & Field Work"	12
2	16.03.19	National Conference on "Innovative Trends and advances in Civil Engineering"	45

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Punalkulam, Thanjavur-613303

DEPARTMENT OF CIVIL ENGINEERING

Proudly Presents

One Day Workshop on

ADVANCED SURVEYING AND FIELD WORK

05.03.2019

Dr. R. Rajendran

SECRETARY

RAJ EDUCATIONAL TRUST

has kindly consented to deliver inaugural address

Dr. J. Arputha Vijaya Selvi

PRINCIPAL

KINGS COLLEGE OF ENGINEERING

has kindly consented to deliver keynote address

Venue: Chera Hall

Time: 9.30 am

Mrs. R. Revathi

Head

Department of Civil Engineering

Mr. R. Sundharam

Mr. S. R. Elwin Guru Chanth

**Co-Ordinator
AP/Civil**



DEPARTMENT OF CIVIL ENGINEERING
ONE DAY WORKSHOP ON
“ADVANCED SURVEYING & FIELD WORK”

Venue: CHERA HALL, Kings College of Engineering

Date: 05.03.2019

BACKGROUND & OBJECTIVE

Department of Civil Engineering, Kings College of Engineering organised a One day workshop on “ADVANCED SURVEYING & FIELD WORK” for diploma civil students on 05.03.2019. It aims to provide a platform for the diploma students to acquire basic knowledge about surveying and total station. The workshop also focuses to carry out practical sessions in site marking and to extend hands-on experience in total station.

INAUGURAL SESSION

The workshop was inaugurated by the Secretary, Dr.R.Rajendran and presided by Dr.S.Sivakumar, Vice Principal. As every function starts in a auspicious way, the workshop was inaugurated with the prayer song. As many as 52 participants from various polytechnic colleges participated in the workshop. The welcome address was given by Mr.R.Sundharam, AP/Civil. He welcomed the Dignitaries on the dais, faculty members and the students from various polytechnic colleges across the state.



Inaugural Session

PRESIDENTIAL ADDRESS

Dr.R,Rajendran, Secretary, Raj Educational trust graced the occasion as chief guest and delivered the presidential address. In his address, he elucidated the rising technology and various opportunities in civil Engineering field. He also insisted that the possibility is in every hand, the students have to make use of those various opportunities for their career. He also briefed the importance of Civil Engineering in various aspects. Finally while concluding, he encouraged the participants to make use of the college infra structure during the practical sessions.

SESSION I

The Session I was handled by Mrs.R.Revathi, HoD/Civil. She presented about the site marking as per the drawing. First she explained the aspects of site marking in white board, and after that she accompanied the participants to the site and handled practical sessions on site marking. A residential plan with centre line drawing was issued in the workshop kit. She briefed about the plan marking to be carried over at the site.



Session I handled by Mrs.R.Revathi, HOD/Civil

SESSION II

Session II was practically handled in the site. Students were provided a residential plan with centre line drawing. With the help of Pegs, Tape and line powder participants marked the plan in the site and their doubts were clarified. This Session also included TOTAL STATION which was handled by Mr.S.Kamaraj, AP/Civil. He briefed about the working principle behind total station and also stated the various uses of total station. With latest technologies the total station will play a major role in surveying and construction industry. Hence he insisted the participants to gain enough knowledge on total station. After that he guided the students to the site and handled practical session using total station. Students were given small assignments like horizontal measurement and area calculation using total station.



Session II - Practical Session on Site Marking

VALEDICTORY SESSION

The valedictory session was conducted in the evening which was started with the feedback from the external participants. Finally the participants were awarded with a certificate as a appreciation of their efforts during the workshop. The Symposium ended with a vote of thanks delivered by Mr.S.R.Elwin Guru Chanth, AP/Civil who expressed his sincere thanks to the delegates for spending their precious time for the occasion. He heartily thanked the Management, Principal, all the faculty & Staff members and the students for making the workshop a grand success.



Certificate Distribution in the Valedictory Session

SOME CHERISHING MOMENTS....



Chief Patron

Dr.R.Rajendran
Secretary

Mr. T.R.S. Muthukumaar
CEO

Patron

Dr. J.Arputha Vijaya Selvi
Principal

Co-Patron

Dr. S. Sivakumar
Vice Principal

Conference Chair

Mrs.R.Revathi
HOD / CIVIL

Organizing Secretaries

Mr. K.Arun
AP/CIVIL

Mr. K.Ranjith
AP/CIVIL

Important Dates :

LAST DATE FOR MANUSCRIPT : 28/02/2019
ACCEPTANCE NOTIFICATION : 05/03/2019
LAST DATE FOR REGISTRATION : 08/03/2019
CONFERENCE DATE : 16/03/2019

Registration Fee :

UG STUDENTS / PG STUDENTS : RS. 300/-
FACULTY /RESEARCH SCHOLARS : RS. 500/-
INDUSTRIALIST : RS. 1000/-

Contact Us :

ORGANIZING SECRETARIES
DEPARTMENT OF CIVIL ENGINEERING
KINGS COLLEGE OF ENGINEERING,
PUNALKULAM,
THANJAVUR - 613 303, TAMIL NADU, INDIA

E-mail: nconcivil19@kingsindia.net
Phone: +91-9944688536, 9524514091



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National Conference on Innovative Trends and Advances in Civil Engineering

16th March 2019

NCITACE '19

**Organized by
Department of Civil
Engineering**



About the Institution :

Kings College of Engineering (KCE) is an institution which was formed with the single aim of providing quality education to the poor and underprivileged students. KCE is approved by All India Council for Technical Education (AICTE), New Delhi and is affiliated to Anna University, Chennai. The Institution was established in the year 2001 on sprawling campus of around 60 acres on the Thanjavur – Pudukkottai Highway and run by Raj Educational Trust (RET), Chennai. The Institution offers Five UG and four PG programmes and certified with ISO 9001 :2008. The state of the art teaching methodologies are used to impart high quality education to the students including e-learning.

About the Department:

The Department of Civil Engineering was established in the year 2010, offering UG programme. It is well equipped with research laboratories and has dedicated staff members. The faculty members of the department have strong research experience in various fields of Structural, Soil Mechanics, Foundation Engineering, Environmental Engineering, Architecture, Surveying and Remote Sensing & GIS.

The Civil Engineering Association organises various activities and events to unfold the prospects of Civil Engineering in the present day world. The department has been engaged in various activities involving industry - institute interaction, research and development, development of students and services to society etc.

About the Conference:

The Conference aims to provide a platform for academicians, researchers, scientists, industry experts and architects to exchange the ideas on the latest advances in Civil Engineering. The conference focuses on collaborative R&D works and new projects with the end result of sharing knowledge among the participants.

Conference Theme :

- Innovative Trends in Civil Engineering
- Advances in Civil Engineering
- Advanced Concrete Technologies
- Structural Engineering
- Transport and Traffic Modelling
- GIS and Remote Sensing
- Water Resource Engineering
- Environmental Engineering
- Construction Management
- Geotechnical Engineering
- Advanced Surveying

Journal Publication:

Full paper not exceeding 5 pages should be submitted in IEEE format. Selected papers will be published in peer reviewed journals at additional cost based on the interest of the author.

Advisory Committee :

Prof. G.Elangovan, UCE, Thirukkuvalai
Prof. K.Manjula, NIT, Trichy
Prof. G.Venkatesan, BIT, Trichy
Prof. G.Senthil Kumar, Annamalai University
Prof. R.Sivakumar, EGS Pillai, Nagai
Prof. S.Senthamil Kumar, PMU, Thanjavur
Prof. S.Vijaya Bhaskar, Saranathan College of Engg., Trichy
Prof. S.Senthamilan, ACTECH, Karaikudi

Technical Committee :

Prof.K.Bhaskar, NIT, Trichy
Prof. R.Selvaraj, Senior Principal Scientist, CSIR - CECRI
Prof. G.Elangovan, Univeristy College of Engineering, Pattukkottai
Prof. S.Saranathan, SASTRA University, Thanjavur
Prof. R.Saravanan, MIET, Trichy
Prof. P.Ellis Yogesh, EGS Pillai, Nagai
Prof. V.A.Shanmugavelu, PMU, Thanjavur

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DEPARTMENT OF CIVIL ENGINEERING

Proudly Presents

National Conference on
INNOVATIVE TRENDS AND
ADVANCES IN CIVIL ENGINEERING

16.03.2019

Dr.R.RAJENDRAN

Secretary , Raj Educational Trust
has kindly consented to deliver inaugural address

Dr.J.ARPUTHA VIJAYA SELVI

Principal, Kings College of Engineering
has kindly consented to deliver presidential address

Dr.K.BASKAR

HoD/Civil, NIT Trichy
has kindly consented to deliver keynote address

VENUE:

CHERA HALL

TIME:

10:00 AM

CONFERENCE CHAIR

Mrs.R.REVATHI
HoD/CIVIL

ORGANIZING SECRETARY

Mr.K.ARUN, AP/CIVIL
Mr.K.RANJITH, AP/CIVIL



DEPARTMENT OF CIVIL ENGINEERING

NATIONAL CONFERENCE ON INNOVATIVE TRENDS AND ADVANCES IN CIVIL ENGINEERING (NC-ITACE'19)- 16th MARCH 2019

Venue: CHERA HALL, Kings College of Engineering

BACKGROUND & OBJECTIVE

Department of Civil Engineering, Kings College of Engineering organised a One day National level Conference titled **NC-ITACE** on **16th March 2019**.

The conference emphasizes on recent innovations in various Fields/disciplines of Civil Engineering as listed below.

- Innovative Trends in Civil Engineering
- Advances in Civil Engineering
- Advanced Concrete Technologies
- Structural Engineering
- Transport and Traffic Modelling
- GIS and Remote Sensing
- Water Resource Engineering
- Environmental Engineering
- Construction Management
- Geotechnical Engineering
- Advanced Surveying

This conference provides opportunities for academicians and participants to exchange new ideas and uphold experiences face to face, to establish constructions or research relations and to find global partners for future collaboration. The major goal and feature of this conference is to bring academicians, research scholars, engineers, industry researchers together to exchange and share their experiences and discuss the practical challenges encountered and the solutions adopted. Academicians from different areas are invited to deliver their views regarding latest information in their respective expertise areas.

INAUGURAL SESSION

The Conference was inaugurated by the Chief Guest Dr.K.BASKAR, Professor & Head, Department of Civil Engineering, NIT, Trichy. As every function starts in a auspicious way, the conference was inaugurated with the prayer song. Our vice Principal Dr.S.Sivakumar, also graced the inaugural session.



Inaugural Session

WELCOME ADDRESS

The welcome address was given by Mr.K.Ranjith, Organizing Secretary of NC-ITACE'19. He welcomed the Dignitaries on the dais, faculty members and the students from various educational Institutions across the state. He also added that, he is very much delighted to see more external participants from various reputed colleges. Then the dignitaries were requested to light the lamp in order to begin the function in an auspicious manner.



Welcome Address



Lighting the Lamp

HONOURING SESSION

The chief guest was felicitated with shawl by Prof.Dr.S.Sivakumar,Vice Principal and memento as sign of remembrance by Mrs.R.Revathi, HOD/Civil.



Dr.K.Baskar felicitated by our vice Principal, Dr.S.Sivakumar

CONFERENCE THEME & CHIEF GUEST INTRODUCTION

Mrs.R.Revathi, HOD/Civil & Convenor of NC-ITACE'19 portrayed the conference theme in a detailed manner. She also applauded the academicians and participants from various institutions for their positive response to this conference. Then the Chief Guest was introduced by Mr.K.Arun, Organizing Secretary of NC-ITACE'19. He elaborated the qualification and work experience of the chief guest. He also detailed about his conference publications and various responsibilities held by the chief guest.



Conference Theme by Mrs.R.Revathi, HOD/CIVIL



Introduction of Chief Guest

PRESIDENTIAL ADDRESS & KEYNOTE ADDRESS

Dr.S.Sivakumar, Vice Principal of our college delivered the Presidential address. He highlighted the importance of Civil Engineering and the need for Civil Engineers in the near future. He also briefed a few points about various alternative trends in Construction industry. Mr.K.Baskar, Professor & Head, Department of Civil Engineering, NIT, Trichy graced the occasion as chief guest and delivered the keynote address. In his address, he lauded the Management and the academic administration of the institute for hosting a National Conference every year. He insisted that the opportunity is in every hand, the students have to make use of those various opportunities for their career. It was educative experience which offered the audience a rare opportunity to get a glimpse on the key note topics.



Presidential address by Vice Principal Dr.S.Sivakumar



Keynote address by Dr.K.Baskar, NIT, Trichy

RELEASE OF PROCEEDINGS

The Conference Proceedings was released by Dr.S.Sivakumar, Vice Principal of our college and received by the chief guest Mr.K.Baskar, Professor & Head, Department of Civil Engineering, NIT, Trichy and jointly felicitated by all the members present on the dais.



Proceedings was released by Vice Principal and received by the Chief Guest

TECHNICAL SESSION

The technical session started in an impressive manner, where participants eagerly presented their papers in various domains. The selected papers will be published in the journal **IJARBEST**.



Technical Session - Student Presentation

PARTICIPANT DETAILS:

TOTAL PAPERS- 51

EXTERNAL - 45

INTERNAL- 6

EXTERNAL PARTICIPANTS- 110

INTERNAL PARTICIPANTS- 30

VALEDICTORY SESSION

The valedictory session was conducted in the evening. The session started with certificate distribution and event feedback. The Conference ended with a vote of Thanks delivered by Selvan.S.Vasanth, of Final Year Civil Engineering who expressed his sincere thanks to the delegates for spending their precious time for the occasion. He heartily thanked the Management, Principal, all the faculty & Staff members and the students. He also appreciated the students for their passionate efforts with which they carried out the difficult task of making the Conference a grand success.



SOME CHERISHING MOMENTS....





DEPARTMENT OF CIVIL ENGINEERING
FACULTY FDP/WORKSHOP/SEMINAR ORGANIZED DETAILS (2017-2018)
TABLE OF CONTENTS

S NO	DATE	PROGRAMME TITLE	No OF PARTICIPANTS
1	16.02.18	Workshop on "Fundamental Surveying and Total Stations"	14
2	19.02.18	Workshop on "Autodesk Formit 360"	14



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DEPARTMENT OF CIVIL ENGINEERING
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WORKSHOP ON
FUNDAMENTAL SURVEYING
AND
TOTAL STATION
16th FEB 2018

EXCLUSIVE FOR DIPLOMA



WELCOMES YOU ALL



AIM Foundation Academy, No.7, 1st Floor, Shivadasan Pillai Road, KANNAYAKA BANK UPSTAIRS, NEAR RAILWAY STATION
88070 00975 | 86954 55555



DEPARTMENT OF CIVIL ENGINEERING
ONE DAY WORKSHOP ON
“FUNDAMENTAL SURVEYING & TOTAL STATION”

Venue: CHERA HALL, Kings College of Engineering

Date: 16.02.2018

BACKGROUND & OBJECTIVE

Department of Civil Engineering, Kings College of Engineering organised a One day workshop on “FUNDAMENTAL SURVEYING & TOTAL STATION” for diploma civil students on 16.02.2018. It aims to provide a platform for the diploma students to acquire basic knowledge about surveying and total station. The workshop also focuses to carry out practical sessions in site marking and to extend hands-on experience in total station.

INAUGURAL SESSION

The workshop was inaugurated by the Principal, Dr.J.Arputha Vijaya Selvi. As every function starts in a auspicious way, the workshop was inaugurated with the prayer song. As many as 209 participants from various polytechnic colleges participated in the workshop. The welcome address was given by Selvi.C.G.Nithya, of third year Civil Engineering. She welcomed the Dignitaries on the dais, faculty members and the students from various polytechnic colleges across the state. She also added that she is very much delighted to see more external participants from various reputed institutions.



Inaugural Session

HONOURING SESSION

The chief guest was felicitated by shawl and memento as sign of remembrance by Prof.Dr.R.Saravanan, HOD/Civil and Mrs.R.Revathi, AP/Civil.



Felicitating the Principal

PRESIDENTIAL ADDRESS

Dr.J.Arputha Vijaya Selvi, Principal graced the occasion as chief guest and delivered the presidential address. In her address, she elucidated the rising technology and various opportunities in civil Engineering field. She also insisted that the possibility is in every hand, the students have to make use of those various opportunities for their career. She also briefed the importance of Civil Engineering in various aspects. Finally while concluding, she encouraged the participants to make use of the college infra structure during the practical sessions.



Principal addressing the audience

SESSION I

The Session I was handled by Mr.K.Arun, AP/Civil. He presented about the Fundamental surveying and factors to be known by a Civil Engineering in construction site. He also detailed about measurements and Unit conversions. He also narrated the diagonal and right angle checking methods using thumb rule. Finally he finished the session by highlighting basic construction vastu for drawing plans.



Session I handled by Mr.K.Arun.AP/Civil

SESSION II

The Session II was handled by Mrs.R.Revathi, AP/Civil. She presented about the site marking as per the drawing. First she explained the aspects of site marking in white board, and after that she accompanied the participants to the site and handled practical sessions on site marking. A residential plan with centre line drawing was issued in the workshop kit. She briefed about the plan marking to be carried over at the site.



Session II handled by Mrs.R.Revathi, AP/Civil

SESSION III

Session III was practically handled in the site. Students were provided a residential plan with centre line drawing. With the help of Pegs, Tape and line powder participants marked the plan in the site and their doubts were clarified.



Session III - Practical Session on Site Marking

SESSION IV

The Session IV was handled by Mr.R.Sundharam, AP/Civil. He presented about the Total station and its functions. He briefed about the working principle behind total station and also stated the various uses of total station. With latest technologies the total station will play a major role in surveying and construction industry. Hence he insisted the participants to gain enough knowledge on total station. After that he guided the students to the site and handled practical session using total station. Students were given small assignments like horizontal measurement and area calculation using total station.



Session IV handled by Mr.R.Sundharam, AP/Civil

VALEDICTORY SESSION

The valedictory session was conducted in the evening which was graced by the Vice Principal Dr.S.Sivakumar. The session started with the sparkling speech from Vice Principal, who highlighted the civil engineering career opportunities. Next was the feedback session, in which the external participants gave their valuable feedbacks. Finally the participants were awarded with a certificate as a appreciation of their efforts during the workshop. The Symposium ended with a vote of thanks delivered by Selvan.S.Vasanth of third Year Civil Engineering who expressed his sincere thanks to the delegates for spending their precious time for the occasion. He heartily thanked the Management, Principal, all the faculty & Staff members and the students. He also lauded the participants for their passionate efforts with which they carried out the marvellous task of making the workshop a grand success.



Certificate Distribution in the Valedictory Session

SOME CHERISHING MOMENTS....



SOME CHERISHING MOMENTS....



SOME CHERISHING MOMENTS....





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DEPARTMENT OF CIVIL ENGINEERING
PROUDLY PRESENTS



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WORKSHOP

ON

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M.P.SALAIMANIMAGUDAM

Autodesk Student Ambassador & Expert



9952629044



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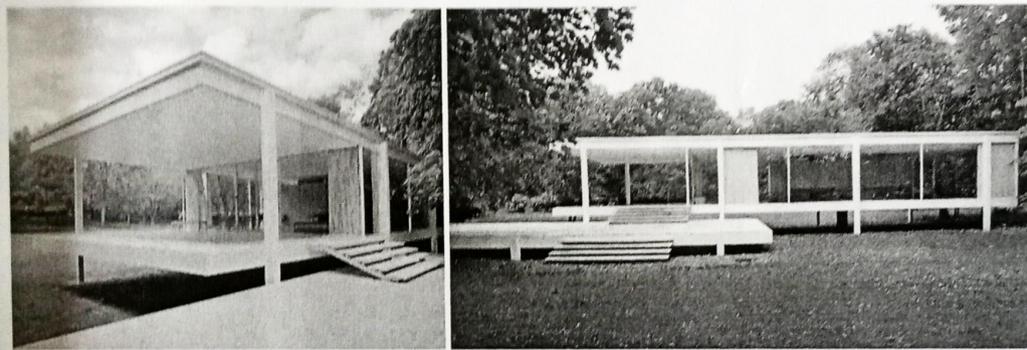
F AUTODESK® FORMIT® 360

The FormIt 360 Primer

Version 0.1
July 13, 2016

Building the Farnsworth House

In this tutorial, we are going to build an entire historic modernist house in just under two hours!



Prerequisites for this Tutorial:

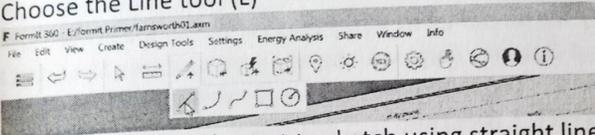
- Download FormIt 360 for Windows from: <http://formit360.autodesk.com/page/download>
- Running FormIt 360 for Windows requires a subscription to FormIt 360 Pro, which can be purchased from: <http://www.autodesk.com/store/products/formit-360-pro>
- Optionally, you can start a 30 day trial from the start up screen
- Revit 2016 or 2017. Note: this is only required for the section on Revit Interoperability.

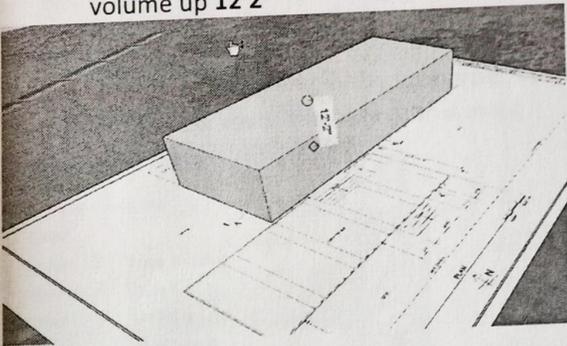
Note: If you cannot run FormIt 360 for Windows, the majority of the tutorial can be completed using the free Web version: <http://formit360.autodesk.com/app>

3D Sketching

Placing primitives is fine, but the real power of FormIt lies in the ability to sketch in 3D. You got a sneak peak at the power of the snapping system when you used the Rotate tool in the last exercise. If you did not complete the last section, click the File > Open and choose **farnsworth01.axm** from the FormIt Primer folder

3D Sketching with lines

1. We are going to first Group the image plane. This will prevent sketched lines from "sticking" to it. Select the plane by double-clicking it, right-click and choose Group (G)
 2. Click the Pencil to open the Sketching Toolbar
 3. Choose the Line tool (L)
- 
4. You can immediately start to sketch using straight line segments
 - a. The red, green and blue axes display to allow you to sketch in 3D without leaving the tool
 - b. The purple axis displays an axis relative to the lines you are currently drawing
 - c. Hold down the Shift key while dragging a line segment to lock to the current axis
 5. Start with creating a rectangle on the ground plane
 - a. Click Settings > turn off Snap to Grid (S G)
 - b. With the Line tool, click on one corner of the imported sketch. Drag along to define one edge of the upper terrace
 - c. Use the Tab key to input exact dimensions. Make the long side **77'-4 1/8"** and the short side **28'-8"**
 - d. Press Esc. You are back in Select mode. You can now select the top face and immediately pull the volume up **12'2"**



Note: the red and green axes keep you at 90 degrees. When you draw at an angle to the grid, a purple guide will allow you to stay 90 degrees relative to your current line.

Optional – 3D Sketching with the rest of the tools

The following exercise is not critical to finishing the house. It will allow you to experiment with some of the other 3D Sketching tools.

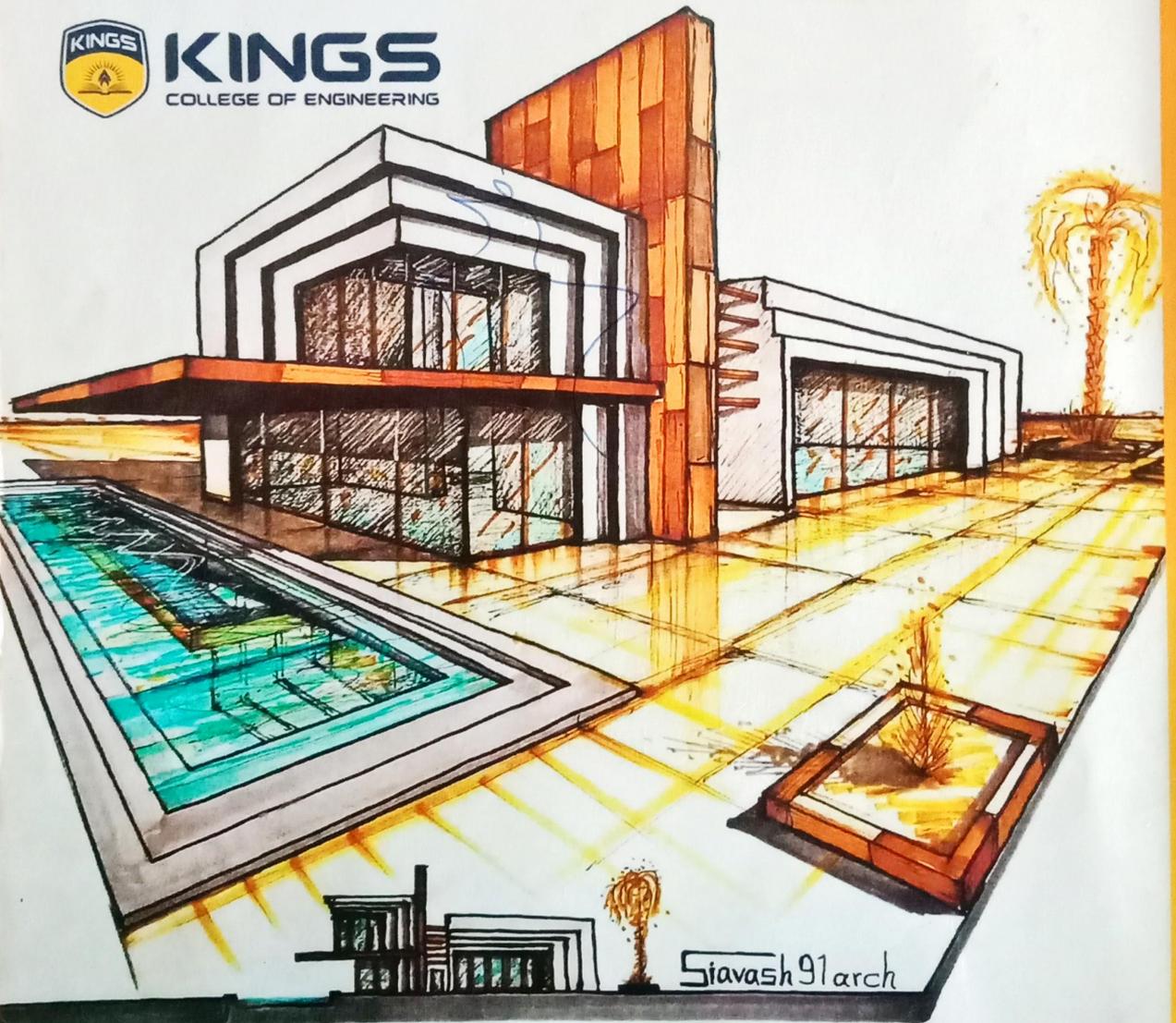
1. Click to open the Sketching Toolbar
2. Select the Arc tool
 - a. Click to define the first and second point similar to the Line tool
 - b. The third drag defines the radius of the circle that defines the arc
 - c. Note: as with all sketching tools, you can use the red snap points to snap to other objects in the scene
3. Select the Spline tool
 - a. Click to define any number of points to draw a spline
4. Select the Circle tool

"creativity is
intelligence
having
fun."

- Albert Einstein



KINGS
COLLEGE OF ENGINEERING





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BHUVANESWARI T.

Name

AUTODESK FORMIT 360

Course Title

Autodesk BIM 360

Product

Rajesh Yadav

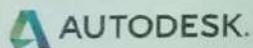
Instructor

2018-02-19 8 hours

Date Course Duration

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DEPARTMENT OF CIVIL ENGINEERING
FACULTY FDP/WORKSHOP/SEMINAR ORGANIZED DETAILS (2016-2017)
TABLE OF CONTENTS

S NO	DATE	PROGRAMME TITLE	No OF PARTICIPANTS
1	27.12.2016	National conference on Emerging Trends and challenges in Civil Engineering	26



National Conference on Emerging Trends and Challenges in Civil Engineering (NC-ETCCE -2016)

Venue: Chera hall, Kings College of Engineering

Date : 29-12-2016

BACKGROUND & OBJECTIVE

Department of Civil Engineering, Kings College of Engineering organised its Second National Conference titled *Emerging Trends and Challenges in Civil Engineering* on 29th December 2016.

It aims to provide a platform for academics, researchers, industry experts and architects to swap over their ideas on the emerging trends in Civil Engineering. The conference was well attended by eminent academicians, faculty members and students from reputed technical and educational institutions. The Conference focuses to collaborative R & D works and new projects with end results of sharing knowledge among the participants.

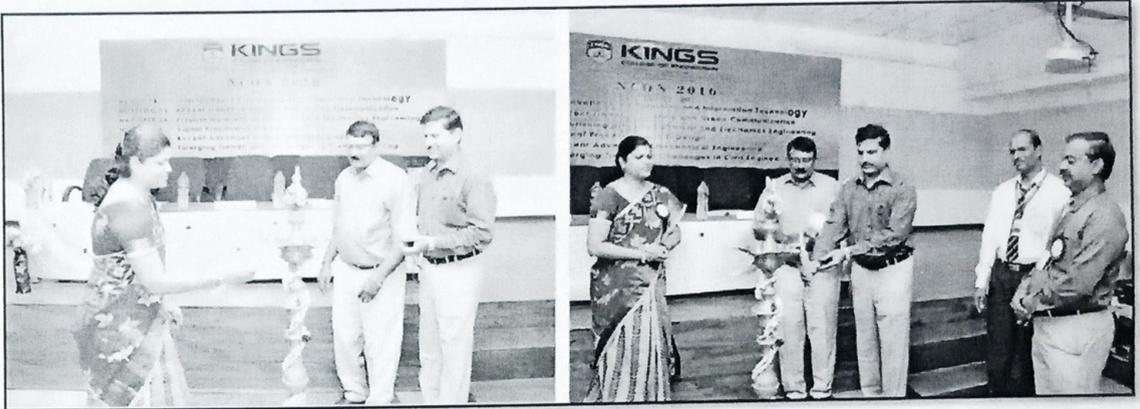
INAUGURAL SESSION

The conference was inaugurated by the Chief Guest at inaugural function, Prof. Dr.R.Manjula, National Institute of Technology, Trichy on 29th morning.



Dignitaries on the Dais.

As every auspicious function starts with a traditional way, light being the source of all transitions and transformations, the conference officially inaugurated by lighting of lamp of wisdom kuthuvillaku by the Chief Guest, Dr.S.Durairaj, Principal and Dr.R.Saravanan, Conference chair.



Lightning of Lamp by Chief Guest and Principal.

WELCOME SESSION

The welcome address was given by Dr. T.Pushparaj, Conference Chair, Department of Mechanical Engineering. He welcomes the gathering and explained the theme of the conference which is the most appropriate theme in today's environment

HONOURING SESSION

The chief guest was felicitated by shawl and memento as sign of remembrance by Conference Chair along with dignitaries on the dais.



Dr.R.Manjula receiving a memento from Dr.R.Saravanan, Conference Chair.

LEADING SESSION

Dr.S.Durairaj, Principal delivered the presidential address. Principal appreciated the endeavours of the Conference Chair, Organizing secretaries and faculty members and their enthusiasm to organize the conference. He explained the importance of organizing such Conferences which will bring together the academic & research fraternity and such activities give a platform to present their research work. He advised the gathering to give more emphasis to the research towards sustainable concepts.



Principal Delivering the Presidential Address.

INTRODUCING SESSION

Then the Chief Guest was introduced by Ms.T.Bhuvaneswari, Assistant Professor, Department of Civil Engineering and one of the Organizing secretary of the Conference about her career track and the awards and achievements received by her.



Ms.T.Bhuvaneswari, Assistant Professor, Civil Engineering, Introducing the Chief Guest.

INAUGURAL ADDRESS

Dr.R.Manjula, NIT., Trichy graced the occasion as chief guest and delivered the inaugural address. In her inaugural address, she lauded the Management and the academic administration of the institute for hosting a national conference every year. She explained about the rising technology in network as well as in civil Engineering field. She insisted that the opportunity is in every hand, the students have to make use of those various opportunities for their career.



Chief Guest addressing the audience

RELEASE OF PROCEEDINGS

The conference proceedings was revealed by the chief guest and received by Principal and jointly felicitated all the guests present.



Proceedings was released by Chief Guest and received by Principal.



NC-ETCCE'16 Proceedings Release

INVITED TALK BY THE CHIEF GUEST

The inauguration was followed by the Invited talk of Dr.R.Manjula on “**Challenges in Disaster Management and Mitigation**”. It was an educative experience which offered the audience a rare opportunity to get a glimpse on Disaster management.



Invited Talk by the Chief Guest



Students examining the Chief Guest lecture

TECHNICAL SESSION

Then the first technical session started. Ms.K.Gowri Devi, Assistant Professor, Kings College of Engineering was the Chair person of the Session. Participants from Various Institution have presented their research papers. Some of the papers reflected brilliant ideas and effort. 9 Papers were presented in the First Technical Session.



A Technical Paper Being Presented.

In the afternoon, the second Technical session started and 15 papers were presented during that session.



A Technical Paper Being Presented

VALEDICTORY SESSION

During the valedictory program conducted in the evening, the Conference chair Dr.R.Saravanan delivered the Conference report and highlighted the fact that the talks delivered by the young researchers contributed in making the event a great learning experience and the certificates to the participants too were given away.



Conference Chair, distributed the Certificates

