



DEPARTMENT OF CIVIL ENGINEERING

AAVISHKAR 2019-20 EVEN SEM



Dr. SURESHA
Principal
SVCE, Bengaluru

MESSAGE FROM PRINCIPAL

I am happy to note that the Civil Engineering Department SVCE is showcasing their activities & achievement through the department newsletter “AAVISHKAR”. I wish them success in their future endeavor!

FROM H.O.D DESK

I am happy to note that the department of Civil Engineering is bringing out the Newsletter “AAVISHKAR” for the academic year 2017-18. I hope this newsletter will throw insight on department activities such as workshops, seminars, industrial visits, academic performance of the students and other co-curricular and extra-curricular activities. This newsletter will also provide a platform for highlighting the achievements of students and faculty members of Civil Engineering Department. I congratulate the editorial team members for bringing out this newsletter. I wish all the best for future endeavor.



**Dr. H.N
Rajakumara**
Professor & HOD
Civil Department
SVCE, Bengaluru

ABOUT THE DEPARTMENT

Established in 2004 with modest intake strength of 40 the department has grown three folds to 120. The PG course in Structural Engineering was started in August 2013. The department has a balanced competency of faculty richly experienced, highly qualified and talented in diverse fields. The department has been actively engaged in conducting workshops, trainings, technical lectures and publishing research papers, newsletters and conducting industrial visits. Students are engaged in professional activities through student chapters.

*I cant change the
direction of the
wind, but I can
adjust the sails to
always reach my
destination*
- Eleanor Roosevelt



*Education should
be so
revolutionized as to
answer the wants of
the poorest
villager, instead of
answering those of
an imperial
exploiter*
- Mahatma Gandhi

VISION

To emerge as an excellent department to impart quality education and research in undergraduate programme through effective teaching learning process and good infrastructure to produce competent civil engineers

MISSION OF THE DEPARTMENT

- ◆ Establishing State of art facilities to meet the needs of academics and research.
- ◆ Engaging the qualified and experienced faculty to disseminate the knowledge through effective teaching learning process.
- ◆ Provide rigorous hands-on training on Civil Engineering software tools to build the competencies and skills among students and faculty.
- ◆ Prepare students as competitive Civil Engineers through life long learning and professional practice with holistic concern for Environment and Society.
- ◆ Establish center of excellence in specialized areas and topics of Civil Engineering.

SPECIALIZATION OF THE DEPARTMENT

- ◆ Structural Engineering
- ◆ Geotechnical Engineering
- ◆ Environmental Engineering
- ◆ Water Resource Engineering
- ◆ Transportation Engineering
- ◆ Construction Technology
- ◆ Remote Sensing and Geographic Information System

MOUs

- ◆ M/s. CADD Training Centre, Yelahanka, Bengaluru-64.
- ◆ The Synergy school of Business Skills ,Yelahanka, Bengaluru-64.
- ◆ SNS Contech PVT Ltd, Sahakara Nagar, Bengaluru-97 .

DEPARTMENT ACHIEVEMENTS 2019— 2020

Chief Editor

**Dr. H N
Rajakumara**

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SVCE, Bengaluru

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Principal & HOD 1

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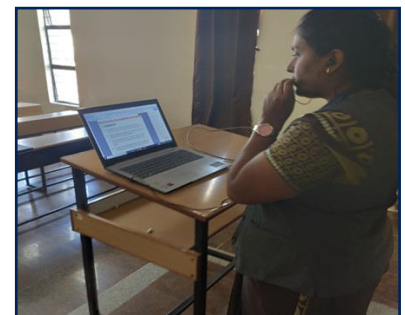
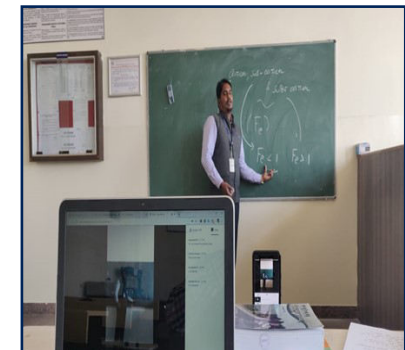
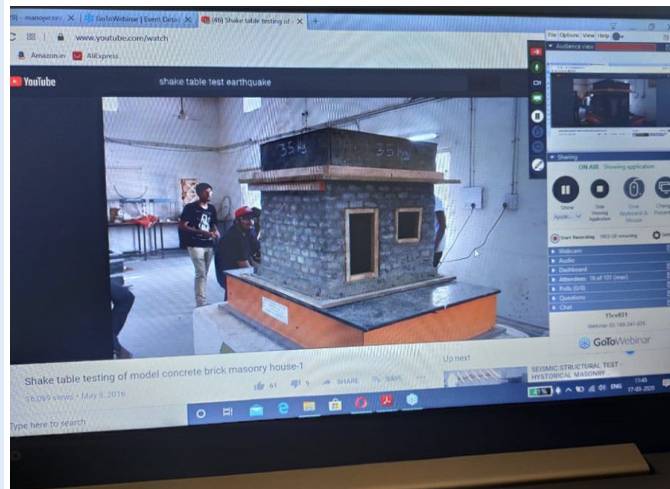
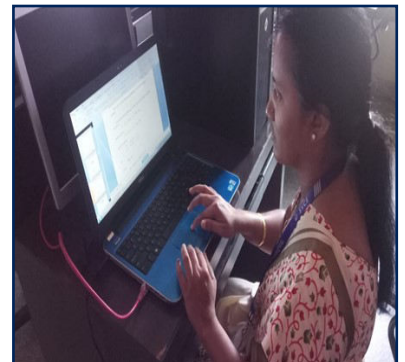
Dept. achievements 3

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*Imagination is
more important
than knowledge.
Knowledge is
limited.
Imagination
encircles the world
- Albert Einstein*

ONLINE CLASSES AND EVENTS ORGANIZED ON ACCOUNT OF COVID-19 FROM MARCH 16th TO JUNE 15th 2020

As per the VTU guidelines conducted online classes an account of Covid-19. Online classes are engaged 4hrs per day through online platforms. Online sessions are engaged through the **Google hangout meet** and **Go to Webinar** for all students. Faculties are engaging the online classes.

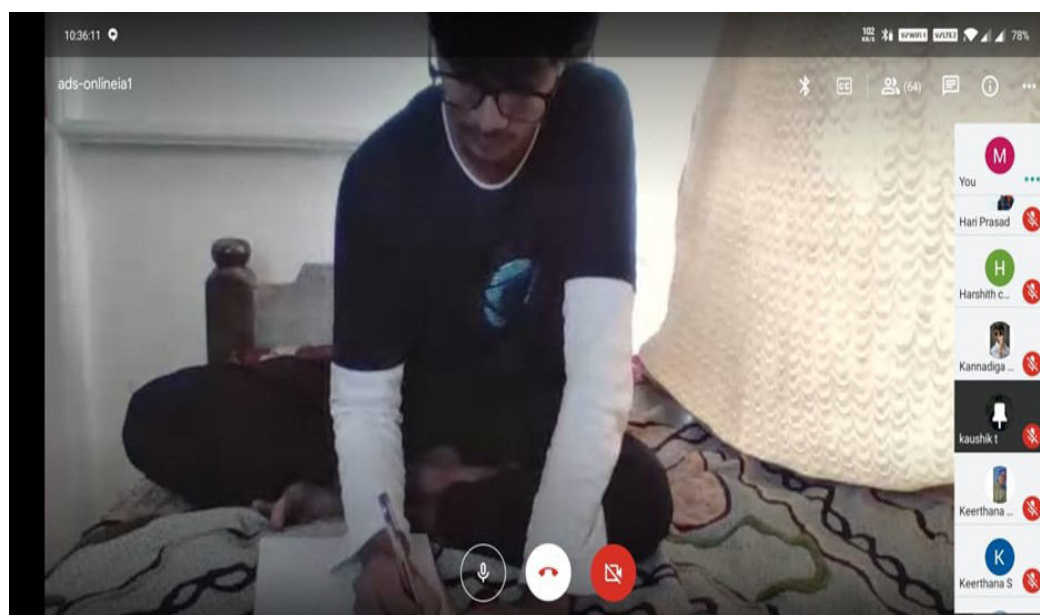


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*Dream is not that
which you see while
sleeping it is
something that does
not let you sleep
- APJ Abdul Kalam*

ONLINE INTERNAL ASSESMENT

1st and 2nd Internal assessment is conducted through online from 06 March 2020 to 13 March 2020. For IA conduction **Google Hangout Meet** is used.



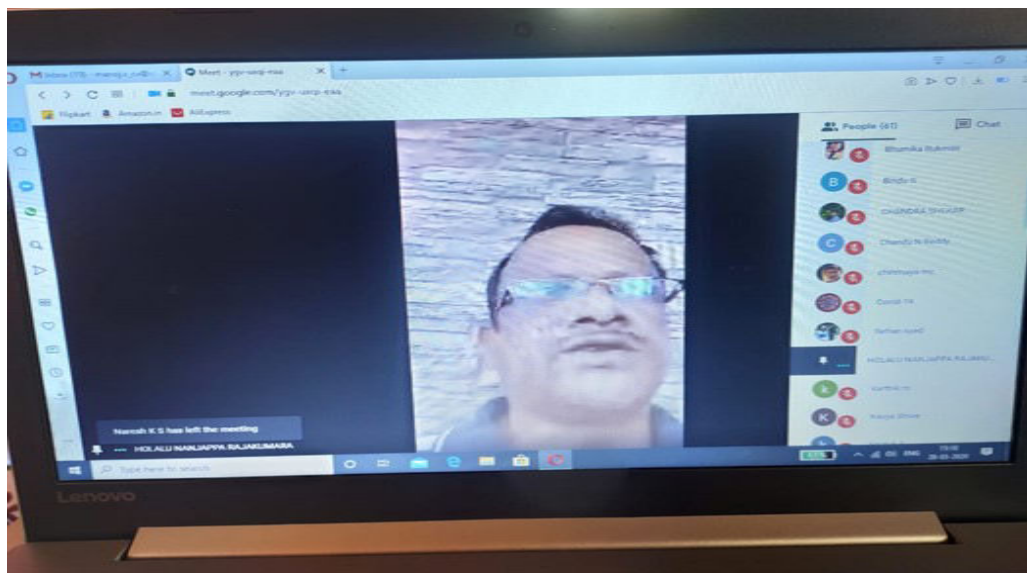
*It is the mark of an
educated mind to
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- Aristotle*

DEPARTMENT ACHIEVEMENTS 2019—2020

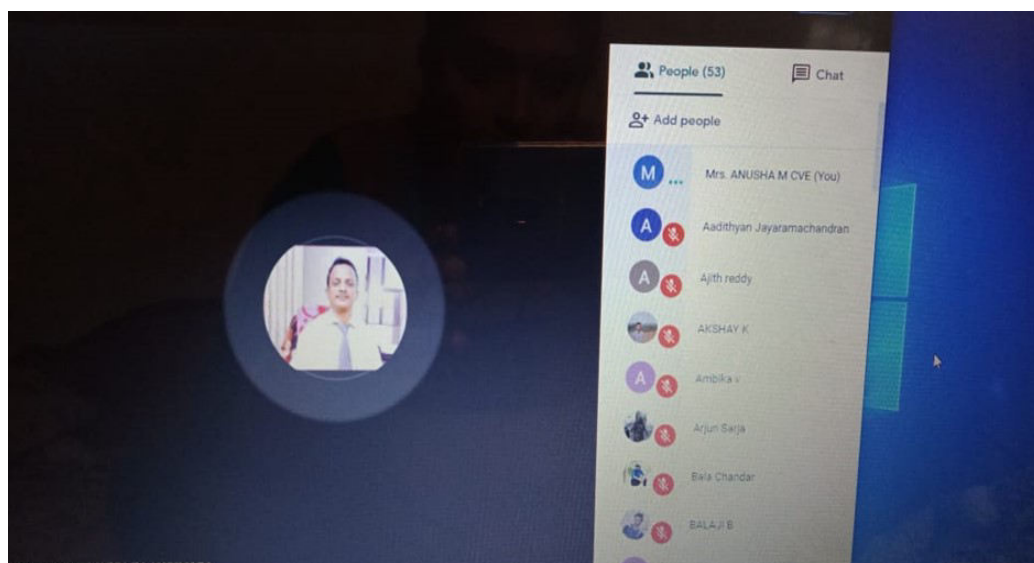
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ONLINE MEETING WITH STUDENTS ON AWARENESS ABOUT COVID-19

Online meeting with 2nd, 3rd and 4th year students is conducted through **Google Hangout Meet**. Along with the class teachers HOD sir joined the meeting and meeting was addressed by HOD sir and created awareness about COVID-19.



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DEPARTMENT ACHIEVEMENTS 2019— 2020

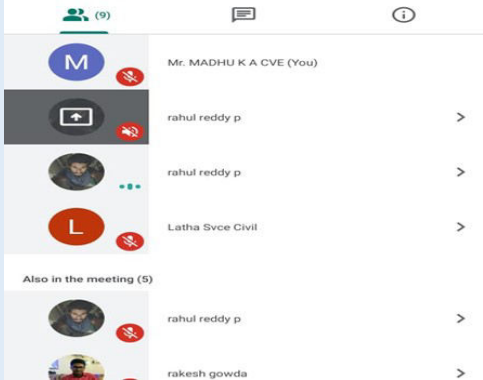
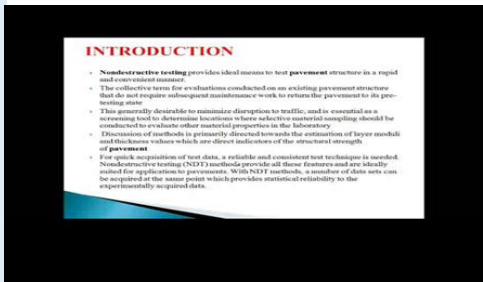
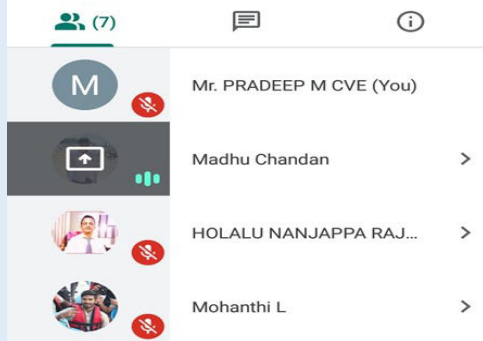
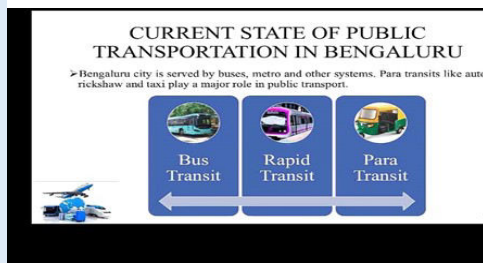
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ONLINE TECHNICAL SEMINAR REVIEW

For 8th semester student's technical seminar review was done through Google Hangout Meet along with their guides and reviewers.



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SVCE/CV/CIR/2020

Date: 11/04/2020

SEMINAR PHASE I REVIEW (R1)

The Final year technical seminar on current trends in engineering and technology (15CVS86) first phase review for BE (VIII Sem) students is scheduled from 15th April to 20th April all the students prepare power point presentation of the technical seminar topic and report of the topic. Presentation has to be present through Google meet in presence of respective guides. Kindly make necessary arrangement for the same.

NOTE : Guides has to create the Google meet link for their respective batches

SL NO	15/04/2020	16/04/2020	17/04/2020
1	A1 (9.30 TO 10.30AM)	A5(9.30 TO 10.30AM)	A9(9.30 TO 10.30AM)
2	A2(3.30 TO 4.30PM)	A6(3.30 TO 4.30PM)	A10(3.30 TO 4.30PM)
	18/04/2020	19/04/2020	20/04/2020
3	A3(9.30 TO 10.30AM)	A7(9.30 TO 10.30AM)	A11(9.30 TO 10.30AM)
4	A4(3.30 TO 4.30PM)	A8(3.30 TO 4.30PM)	A12(3.30 TO 4.30PM)

REVIEWER A SECTION
Dr. H N RAJAKUMARA Mr. CHANDRSHEKAR S Y

SL NO	15/04/2020	16/04/2020	17/04/2020
1	B1(9.30 TO 10.30AM)	B5(9.30 TO 10.30AM)	B9(9.30 TO 10.30AM)
2	B2(3.30 TO 4.30PM)	B6(3.30 TO 4.30PM)	B10(3.30 TO 4.30PM)
	18/04/2020	19/04/2020	20/04/2020
3	B3(9.30 TO 10.30AM)	B7(9.30 TO 10.30AM)	A13(9.30 TO 10.30AM)
4	B4(3.30 TO 4.30PM)	B8(3.30 TO 4.30PM)	

REVIEWER B SECTION
Dr. LATHA M S Mr. MADHU K A

SEMINAR COORDINATOR

PROGRAMME COORDINATOR

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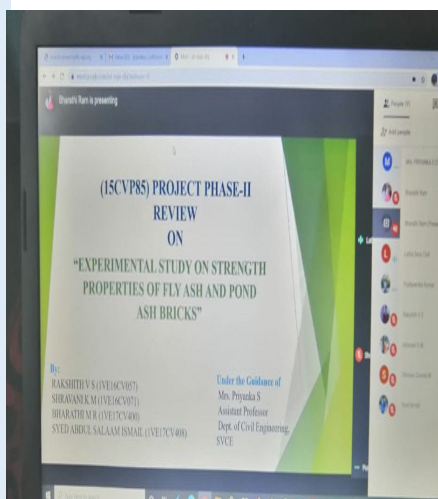
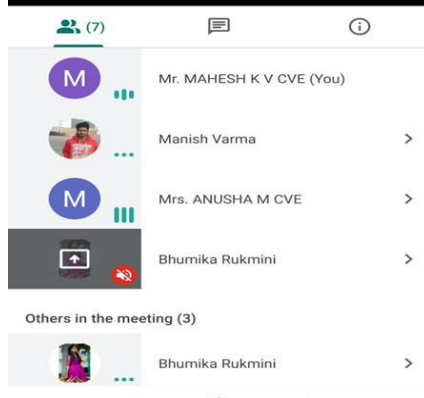
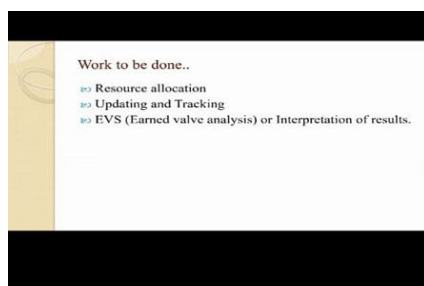



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DEPARTMENT ACHIEVEMENTS 2019— 2020

ONLINE PROJECT REVIEW

For 8th semester student's project phase-II review was done through **Google Hangout Meet** along with their guides and reviewers.



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Date: 21/04/2020

PROJECT PHASE II REVIEW (R2)

The final year project review of II phase will start from 24th to 25th April 2020. All the students are informed to prepare the PPT and present it to the reviewer along with your guide. The review schedule is given below for your kind information. All students should be present during the review without fail. Presentation has to be present through Google meet in presence of respective guides. Kindly make necessary arrangement for the same.

NOTE:

- Guides has to create the Google meet link for their respective batches
- Reviewer has to start review after 3.30PM only

SL NO	BATCH NUMBER	REVIEWER NAME	DATE
1	A1, A2, A5	Mrs. ANUSHA M	24/04/2020 and 25/04/2020
2	A6, A7, B10	Mrs. PRIYANKA S	24/04/2020 and 25/04/2020
3	B5, B6, B7	Dr. LATHA M S	24/04/2020 and 25/04/2020
4	A3, A9, B4, B9	Mr. NAVEEN KUMAR & Mr. REVANNA SIDAPPA	24/04/2020 and 25/04/2020
5	A4, A10, A11, A12	Dr. RAJAKUMARA H N Mr. CHANDRASHEKAR S Y Mr. MADHU K A	24/04/2020 and 25/04/2020
6	A13, B1, B2, B3, B8, A8	Dr. RAJAKUMARA H N Mr. CHANDRASHEKAR S Y Mr. MADHU K A	24/04/2020 and 25/04/2020

PROJECT COORDINATOR

PROGRAMME COORDINATOR

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DEPARTMENT ACHIEVEMENTS 2019— 2020

ONLINE INTERNSHIP REVIEW

For 8th semester student's internship review was done through **Google Hangout Meet** along with the reviewers.

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SVCE/CV/CIR/2020

Date: 04/05/2020

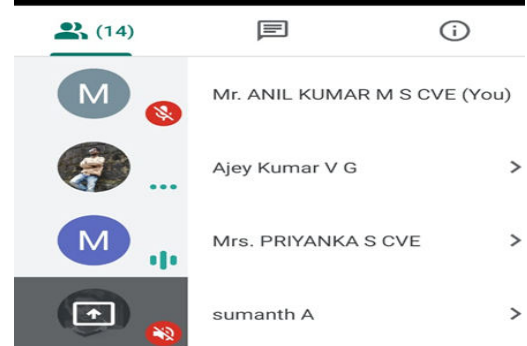
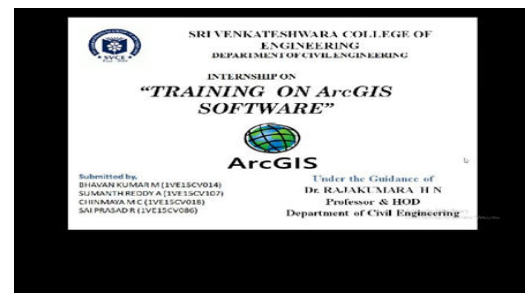
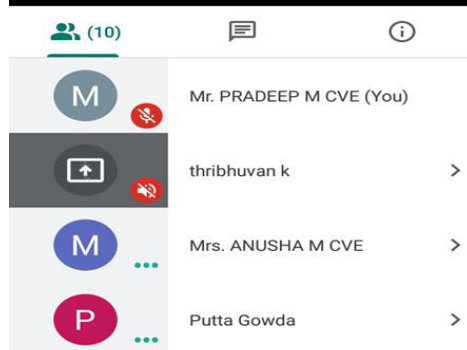
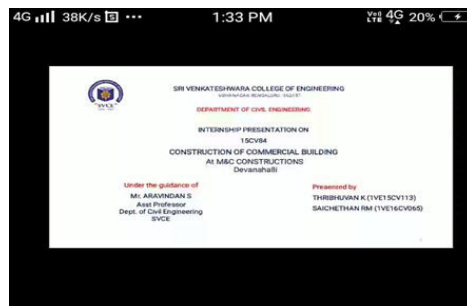
INTERNSHIP REVIEW

The Final year Internship review for BE (VIII Sem) students is scheduled from 12th may to 15th may 2020. All the students are informed to prepare the PPT and present it to the reviewer. All students should be present during the review without fail.

- Note : 1. Reviewer has to create the Google meet link for their respective batches
2. Review has to finish with in the stipulated period

INTERNSHIP COORDINATOR

PROGRAMME COORDINATOR



Also in the meeting (10)

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DEPARTMENT ACHIEVEMENTS 2019— 2020

ONLINE MEETING WITH FACULTY

Online meeting is conducted through **Google Hangout Meet**.


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Date:10/04/2020

The Online meeting is scheduled on, 10.04.2020 at 3.30pm through Google Hangout meet.
All the faculties are requested to attend the meeting

Agenda:

- Regarding syllabus coverage of UG and PG programme through online classes and fixing deadline for the syllabus coverage of UG and PG programme through online classes according to University calendar of events
- Regarding Conduction of lab through online and sharing laboratory materials (lab manual) to the Students
- Regarding status of 8th Semester Project work, Internship and technical Seminar
- Regarding IA test-1 valuation before 18th April 2020 and publishing IA results to the Students
- Regarding Continuation of the online classes after the completion of IA test
- Any other matters with the permission of chair

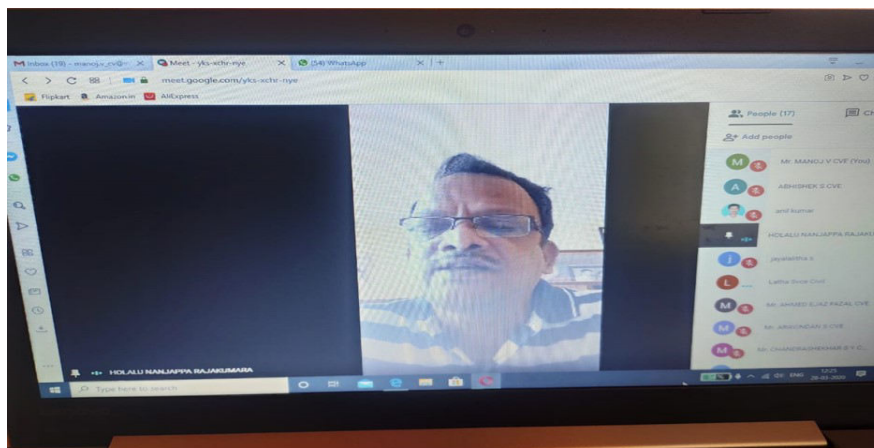
 Sri Venkateshwara College of Engineering Vidyanagar, Bengaluru - 562157 Minutes of Meeting Register	Format No.	ACD49
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Date:23/04/2020

The **Online meeting** is scheduled on, **23.04.2020 at 5.00pm** through **Google Hangout meet**.
All the faculties are requested to attend the meeting

Agenda:

- Regarding admission of the Students to the College
- Regarding **responsibility** of each faculty to involve in **admission** of the Students to the College and should give **report related to the progress of the admission work with in 10days** (Progress of the admission work should be submitted to **Mr.Naveen Kumar B M**)
- Regarding syllabus coverage of UG and PG programme for 2nd IA and 1st IA respectively and Assignments for 2nd year , 3rd year , Final year Students
- Regarding Preparation of Seminar report according to VTU guidelines , rubrics for Project phase review, submission of Seminar report,submission of internship report and **Project phase review** for Final year Students
- Regarding applying, filling of **revaluation applications** and its payment from the Students
- Regarding **Online FDP on REVIT** (i.e. for faculties, 3rd year Students, M.Tech Students) and **result analysis of PG programme** (i.e. External exam result analysis of 1st sem,3rd sem M.Tech Students)
- Regarding register and attending of **Online Certification course from Bentley** and sharing information related to the **online WEBINAR from Principal sir** on 27/04/2020 @ 6pm to 7pm
- Any other matters with the permission of chair



HOD

DEPARTMENT ACHIEVEMENTS 2019— 2020

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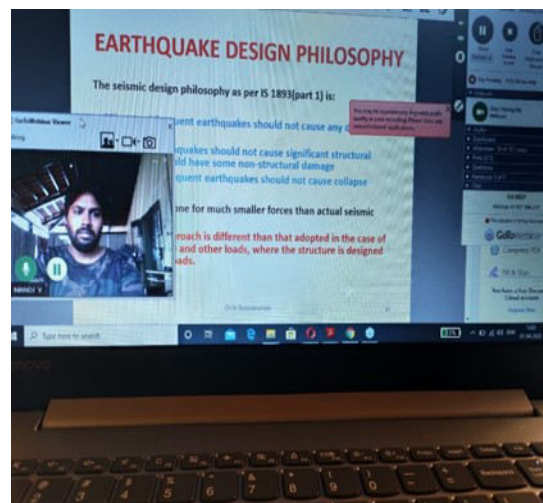
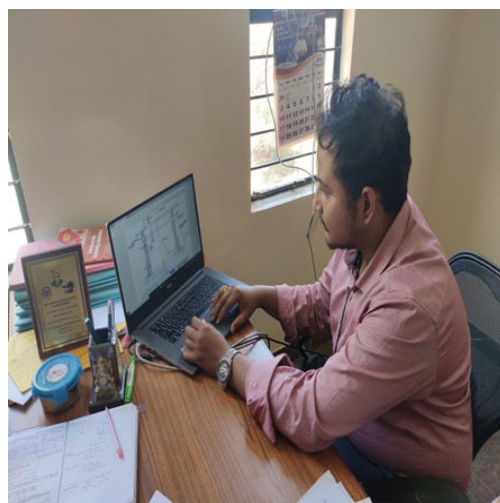
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ONLINE CLASSES FEEDBACK FROM STUDNETS

Feed back is taken from students with some questions through Google Forms.

Sl. No.	Description	Average Rating (Out of 4)
1	Classes are conducted regularly in accordance with timetable.	3.8
2	The classes are well organised without network issues.	3.1
3	Notes and content for online classes are framed well	3.3
4	Faculty and student's interaction are effective.	3.4
5	The faculty are well prepared and punctual for the classes	3.6
6	Syllabus coverage is satisfactory	3.3
7	The overall experience of the online classes.	3.4



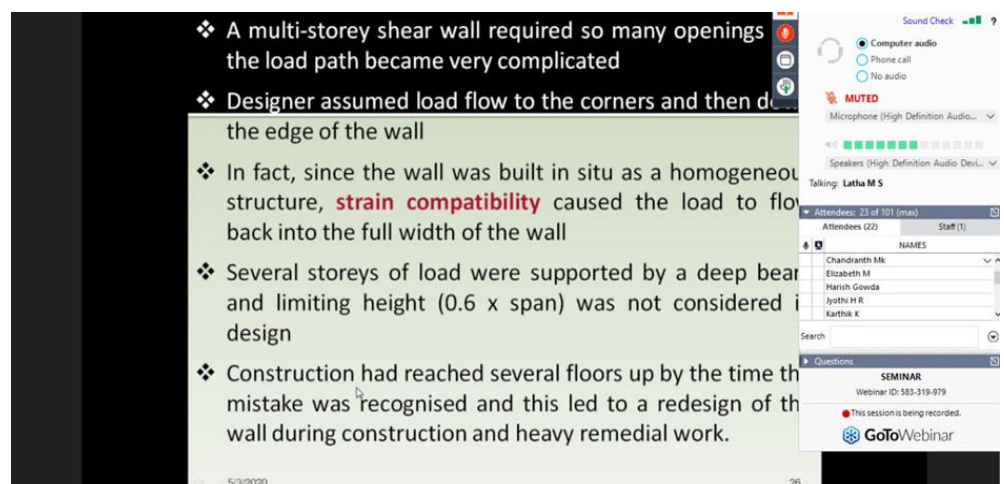
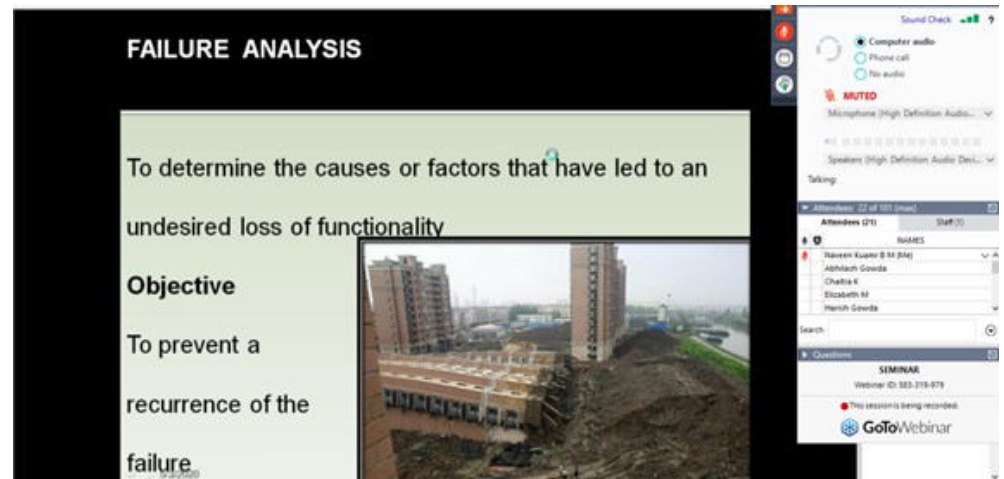
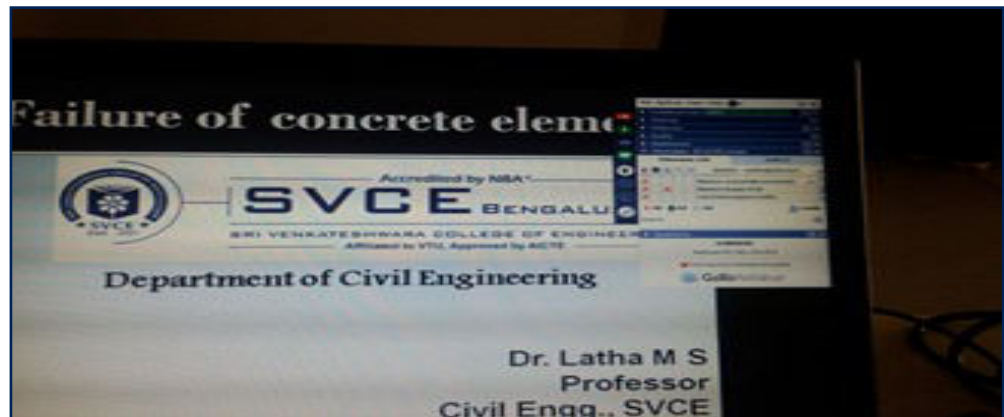


DEPARTMENT ACTIVITIES



Online Technical Seminar on FAILURE OF CONCRETE ELEMENTS on 03/05/2020

Dr. Latha M S , Professor, Dept. of Civil Engineering presented a seminar for M.Tech structural Engineering students. 27 students were attended.



Remember, your work may be only to sweep a railway crossing, but it is your duty to keep it so clean that no other crossing in the world is as clean as yours
- SIR M Vishweshwarayya



When something is important enough, you do it even if the odds are not in your favor
- Elon Musk



Our greatest weakness lies in giving up the most certain to succeed is always to try just one more time
- Thomas A Edison

3 Days Online Workshop on “REVIT ARCHITECTURE” held from 10-05-2020 to 12-05-2020

Both Revit and BIM are very **important** for our future. Revit helps designers design, simulate, visualize and collaborate in order to capitalize on the advantages of the interconnected data within a BIM model. Revit is a software product and comprehensive workflow from Autodesk that helps architects, designers, builders, and construction professionals work together. The software is a sophisticated way to create models of real-world buildings and structures. It is primarily used in BIM, or building information modeling. The coordinators are modeled a structure using revit architecture software.

The screenshot shows a Zoom meeting with a presentation slide titled "ABOUT COLLEGE" and "ABOUT THE DEPARTMENT CIVIL ENGINEERING". The slide includes information about SVCE (Sri Venkateswara College of Engineering) and the Department of Civil Engineering. It also lists the workshop details: "THREE DAY ONLINE WORKSHOP ON REVIT ARCHITECTURE" from 10th to 12th May 2020, in association with the Indian Concrete Institute. The slide lists the steering committee members: Chief Patron (V. Munnyappa, Dr. Shashidharam), Patron (Dr. Suresha), Convener (Dr. Rajakumara H.N.), and Coordinators (Dr. Latha M.S., Mr. Navene Kumar B.M., Mr. Revanasiddappa M., Mr. Revanasiddappa M.).

The screenshot shows the Autodesk Revit software interface. The main window displays a 3D model of a building structure, likely a multi-story building with a ramp. The interface includes a ribbon with various tools, a Properties panel on the left, and a Project Browser on the right. The Project Browser shows a hierarchy of views, including Structural Plans, Floor Plans, and 3D Views. The 3D View is currently selected, showing a perspective view of the building model.

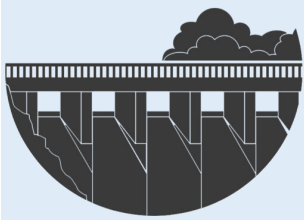


ONLINE TECHNICAL SEMINAR ON “BUILDING INFORMATION MODELLING (BIM)” ON 03/05/2020

The students of 6th and 8th sem were participated in this seminar. Totally 147 students were participated. Building Information Modelling (BIM) is a new design technique, using a combination of new software and new design processes, in which we design buildings using data-rich three dimensional models. It is a much more efficient way of collaborating on the development of building designs, leading to greater efficiencies and better designs than can be achieved using older methods. Prof. Chandrashekar S Y explains how BIM supporting the industry requirements.

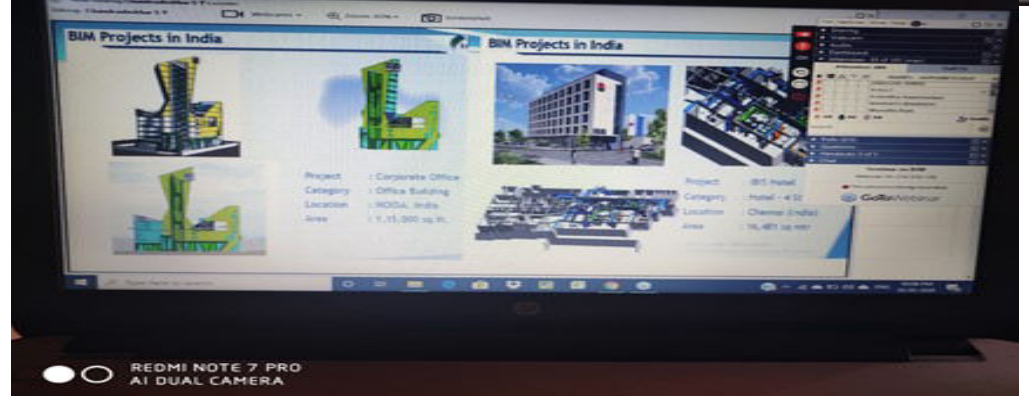
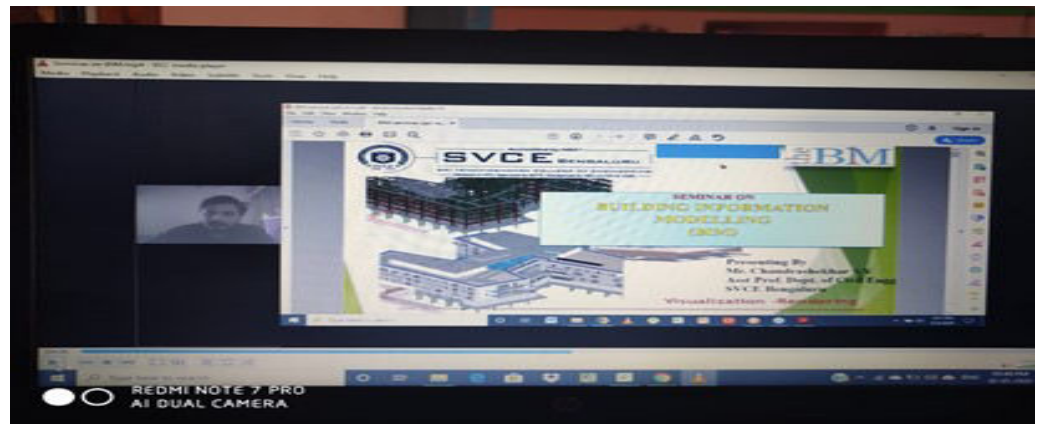
If you are born poor it's not your mistake, but if you die poor it's your mistake.

- Bill Gates



Have the courage to follow your heart and intuition. They somehow already know what you truly want to become. Everything else is secondary

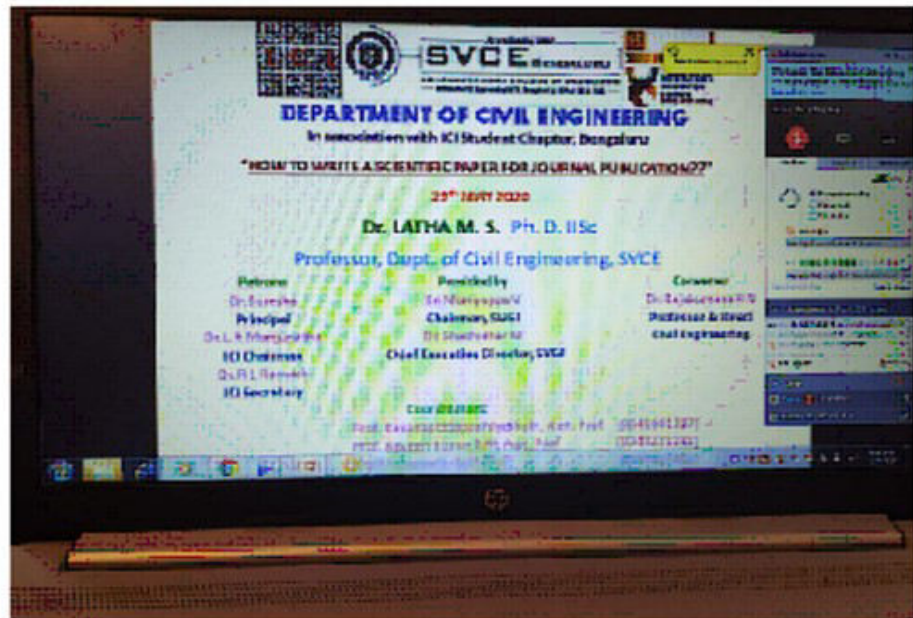
- Steve Jobs



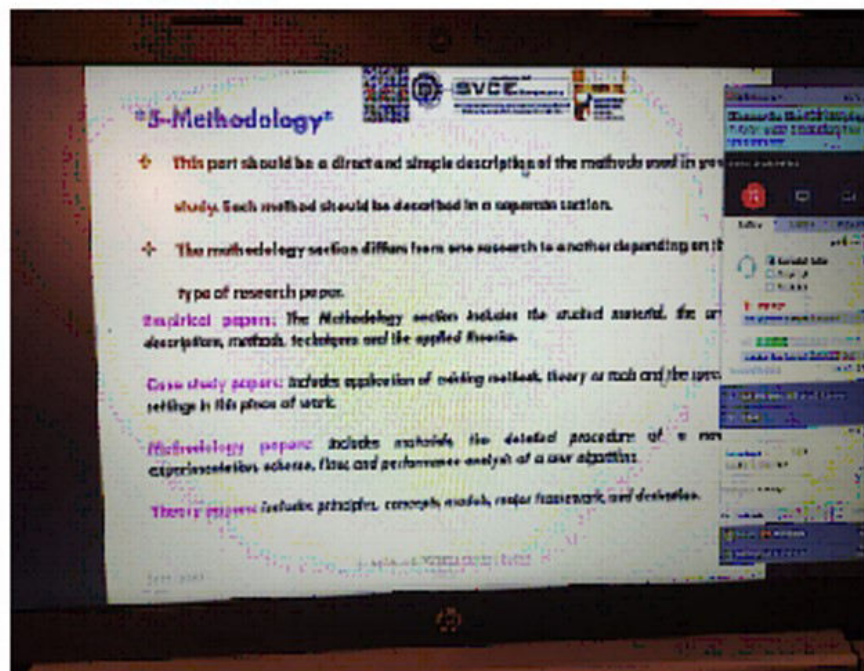
WEBINAR on “HOW TO WRITE A SCIENTIFIC PAPER FOR JOURNAL PUBLICATION??” on 29th MAY 2020

Dr. LATHA M. S, Professor , Department of Civil Engg, explained how to write a scientific paper for journal publication for UG Final years and M.Tech students. There were 82 students participation from various institutes.

If you not face any difficulties then check your path, you might going on wrong track. And everyone knows the feeling of completing difficult task, students better fill the success while completing exam.
- APJ Abdul Kalam



Character is like a tree and reputation is like a shadow. The shadow is what we think of it; the tree is the real thing
- APJ Abdul Kalam





ONLINE SEMINAR & WORKSHOP FEEDBACK FROM STUDNETS

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SEMINAR FEEDBACK

Sl No	Description	Average Rating (Out of 4)
1	Seminar objectives were stated clearly and met.	3.66
2	The seminar content was well framed and easy to follow.	3.60
3	The seminar was well organised without network issues.	3.66
4	The information / skill presented were relevant and useful.	3.61
5	The presenter(s) provided adequate time for questions and answered them satisfactorily.	3.64
6	The seminar met your current skill & knowledge level.	3.51
7	This seminar enhanced my knowledge and skills in Civil Engineering.	3.64
8	The overall experience of the seminar is positive.	3.63

Rating: 1-Strongly Disagree 2-Disagree 3-Agree 4-Strongly Agree

Sl. No.	Description	Average Rating (Out of 4)
1.	Seminar objectives were stated clearly and met.	3.875
2.	The seminar content was well framed and easy to follow	3.8125
3.	The seminar was well organized without network issues	3.5625
4.	The information / skill presented were relevant and useful.	3.875
5.	The presenter(s) provided adequate time for questions and answered them satisfactorily.	3.875
6.	The seminar met your current skill & knowledge level	3.8125
7.	This seminar enhanced my knowledge and skills in Civil Engineering	3.875
8.	The overall experience of the seminar is positive	3.75

Rating: 1-Strongly Disagree 2-Disagree 3-Agree 4-Strongly Agree

EVENT FEEDBACK (Through Google Forms)

Participant Name	Contact Number	Workshop objectives were clearly met.	The workshop was well organised	The workshop contents were well framed and easy to follow	The information and skills presented were relevant and useful	The presenters provided adequate time for questions and answered them satisfactorily	This workshop improved my knowledge and skills in developing Building Model effectively using "Revit Architecture" software
Akshata A Mulgund	9738637614	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Bonagiri Sai Priya	8341117268	Good	Good	Excellent	Good	Excellent	Good
Moulya H.V	9480642357	Good	Good	Excellent	Good	good	Good
Sk Amer Sohail	9010030304	Good	Good	Good	Good	Fair	Good
Singanamala Lakshmi kiran	9704044115	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Bindushree S B	7259144662	Excellent	Good	Excellent	Good	Excellent	Good
Prajwal P Naik	8197842526	Good	Good	Good	Good	Excellent	Excellent
Sachindra	9741896640	Good					

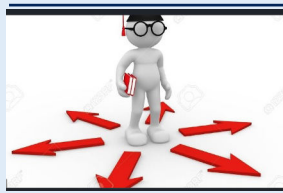


FACULTY LIST



*Books are infinite
in number and time
is short; therefore
the secret of
knowledge is to
take what is
essential. Take that
and try to live up to
it.*

*- Swami
Vivekananda*



*No one was ever
really taught by
another; each of us
has to teach
himself. The
external teacher
offers only the
suggestion which
rouses the internal
teacher to work to
understand things.*

*- Swami
Vivekananda*



Dr. H N Rajakumara
Professor and HOD



Dr. Latha MS
Professor



Dr. Chandramouly YJ
Associate Professor



Dr. Rajesh C N
Associate Professor



Dr. Balamurugan
Associate Professor



Mr. Naveen kumar B M
Assistant Professor



Mr. Revannasidappa M
Assistant Professor



Mrs. Priyanka S
Assistant Professor



Mr. S. Aravindan
Assistant Professor



Mr. Chandrasekhar S Y
Assistant Professor



Mrs. Anusha M
Assistant Professor



Mr. Madhu KA
Assistant Professor

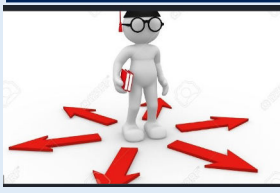


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Mrs. Shwetha Shetty MR
Assistant Professor



Mr. Anil Kumar M S
Assistant Professor



Mr. Manoj V
Assistant Professor



Mr. Mahesh K V
Assistant Professor



Mr. Pradeep M
Assistant Professor



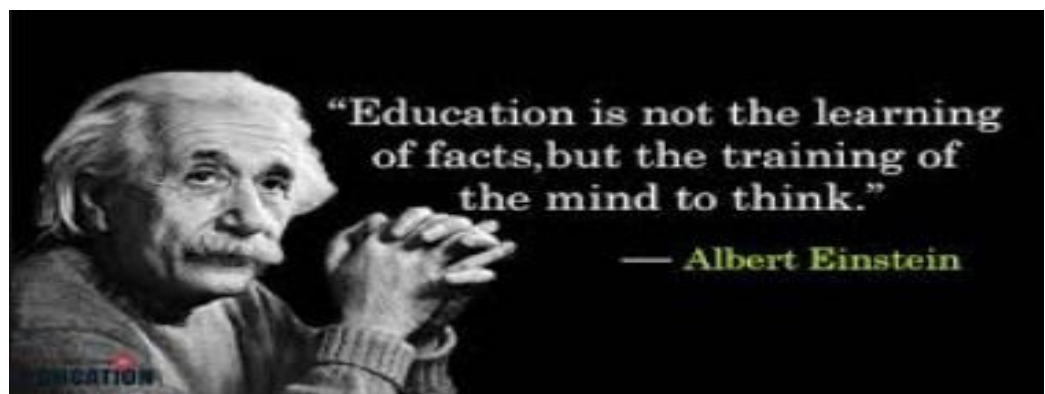
Mr. Ahmed Ejaz Fazal
Assistant Professor



Mr. Thyagaraj K J
Assistant Professor



Mr. Abhishek S
Assistant Professor





100% RESULTS BY THE FACULTY



Masonry structures
(V SEM)



Ground Water and Hydraulics
(VII SEM)



Design of Masonry structures
(M. Tech)



Vyavaharika Kannada
(III Sem A&B Sec)



Municipal and industrial waste
water Engg
(VII Sem SEC)



Traffic Engineering
(V Sem SEC)



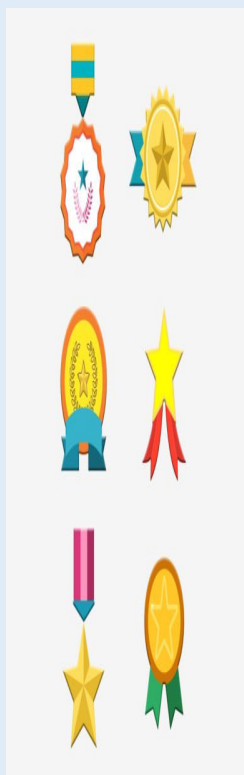
CADD (V SEM)



Urban Transportation and
planning (VII SEM)



Design of bridges (VII SEM)



CLASS TOPPERS LIST

UG III SEM



1VE18CV055-90.67%
(RABIN DAS)



1VE18CV030-85.11%
(KISHORE KUMAR Y R)



1VE18CV028-83.56%
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UG V SEM



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(DARSHITHA N)



1VE17CV011-86%
(BINNARIGARI RAJITHA)



1VE17CV089-84.88%
(VAISHNAVI GURURAJ)

UG VII SEM



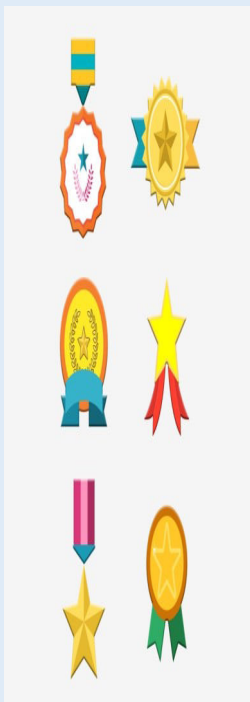
1VE16CV010-89.25%
(BHUMIKA K)



1VE17CV404-86.88%
(MIR SHAHZIB)



1VE16CV034-85.63%
(MISBA ANJUM)



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M.TECH STRUCTURAL ENGG III SEM



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1VE18CSE05-78.4%
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1VE18CSE16-77.6%
(VEDASHREE K)