



VISION & MISSION

Vision of the Department

To become a center of excellence in producing highly competent Civil Engineers with strong ethical values to serve the society and nation through quality education and research

Mission of the Department

- To impart high quality technical education in Civil Engineering by providing the well-equipped infrastructure, state-of-art laboratories and qualified faculty
- To improve the quality of technological education through training, consultancy, research and innovation
- To equip the graduate with the necessary skills, leadership qualities along with strong ethical and moral values to serve the society and nation

PROGRAM EDUCATIONAL OBJECTIVES

PEO-1 Graduates will excel in the professional practices of Civil Engineering by utilizing the acquired knowledge and technical skills

PEO-2 Graduates will pursue higher study or research in Civil Engineering domain in any institute of repute across the nations

PEO-3 Graduates will exhibit professionalism, ethical attitude, communication and managerial skills, team work and social responsibility in their profession and adapt to current trends in Civil Engineering industry by engaging in lifelong learning

OUR PROMOTORS



**SRI VENKATESWARA COLLEGE OF ENGINEERING
(Autonomous)**
Karakambadi Road, TIRUPATI – 517507
DEPARTMENT OF CIVIL ENGINEERING

PROMOTORS



Sri. A. Gangi Reddy, Chairman
Ph.D., JNU, New Delhi

**Smt. A Aruna
Correspondent**



Prakash Ambavaram, Vice Chairman
MBA from University of Oxford

Pradeep Ambavaram, Secretary
MBA from University of Hong Kong



GROUP OF INSTITUTIONS

SV DEGREE COLLEGE, KADAPA

- Estd. 1981

SV COLLEGE OF ENGINEERING, TIRUPATI

- Estd. 2007

SV ENGINEERING COLLEGE, TIRUPATI

- Estd. 2009

(formerly SV ENGINEERING COLLEGE FOR WOMEN)

SV COLLEGE OF ENGINEERING, KADAPA

- Estd. 2016

MESSAGE FROM PRINCIPAL



Dr.N. Sudhakar Reddy
Principal (SVCE)

It is indeed a great pleasure to note that the Department of Civil Engineering is releasing its Technical Magazine of the year 2021-2022, which briefs various activities organised and conducted in the department. It is an inspirational note on the Department's side to encourage the students to bring out a magazine for the Department of Civil Engineering.

The release of the magazine will help the students to understand various technological advancements in the field and also the general facts which will help them in every step of life. So finally, I would like to wish the Civil Engineering Department students to continue and to bring more excellent events to the department and the College.

ALL THE BEST

MESSAGE FROM HEAD OF THE DEPARTMENT



***Dr.M.Chittarajan
Professor & Head
Department of Civil Engineering***

It is a great pleasure to see the annual issue of the magazine of the Civil Engineering Department for the academic year 2021-2022. The magazine comprises of different kinds of events organised by the Civil Engineering department. This magazine will be helpful for the students to know about the department and events organised. Many articles, research works done by student's, achievements of students and faculty are also included.

Many Industrial Visits, Webinars, Seminars, Workshop and non-technical activities were organized to enhance the knowledge and skills of the students. The students actively participated in all the events conducted and was awarded. I wish best of luck for the upcoming batch and to perform and organise maximum number of events

ALL THE BEST

ALUMINI CORNER

Firstly, I'm Thankful to my Friends and Batch mates who made my B. Tech journey, as a Best Memory. When I joined SVCE, I was out of my comfort zone, as being a Civil Engineering student, making Department studies were quite difficult for me initially. But with the utmost support of faculty and seniors in the department, I was able to overcome all the difficulties.

I am highly indebted to the entire Civil Engineering department family, for helping me achieve great heights in these four years. Life never gave me anything for granted. I worked hard and achieved everything from being student association president and to get placed in IIMV and one or two IT companies, I have always believed in myself because at the end of the day it's your effort which makes the difference. I would like heartily thank all the faculty and non-teaching staff in the department for helping me adjust to every situation in the whole time in department.

I wish All the Civil Engineering Students of SVCE for their Great Future and urge them make use of all the opportunities they get in this beautiful department and institution.

****Enjoy The B. Tech Journey****

Nikhil Venkatesh. P

18BF1A0132

DEPARTMENT PROFILE

The Department of Civil Engineering was established in the year 2014 with intake of 60 students. The first batch students of Civil Engineering Department graduated in the year 2018. The Civil Engineering Department is accredited by NBA for three years. The Department is well equipped with infrastructure, State-of-art laboratories. The Department includes dedicated faculty members, non-teaching staff, office assistants and Hardworking Students.

The Department established a student's association titled as **Shilanya's Civil Engineering Students Association**, for the students to enhance their skills and exhibit the creativity within them and to excel. Department of Civil Engineering encourages student association activities and National Level Students symposiums. Students are also encouraged to participate in technical symposium conducted by various other institutions.

In order to enhance subject knowledge and practical exposure of students Civil Department frequently organize industrial visits. In order to update the knowledge our students with the needs of industry we are also encouraging our students to get internships in reputed institutes, construction companies and research laboratories. In order to enhance the knowledge of our students on latest trends in civil engineering we organize guest lectures and seminars by dignitaries in different domains of civil engineering as resource persons.

Department provides plenty of opportunities to students by inviting core as well as software companies. Department supports the students to go for higher studies through GATE /PGECET/ GMAT/ CAT/ GRE/ TOEFL

CIVIL ENGINEERING DEPARTMENT,

SV COLLEGE OF ENGINEERING

Department Achievements

- Accredited by NBA for three academic Years (2021-22, 2022-23, 2023-2024)
- Acting as a Nodal Centre NITTTR, Chandigarh and organizing various FDP Programs through ICT



- Received fund from Govt. of India under Pradhan Mantri Kaushal Vikas Yojana (PMKVY) and conducted number of skill programs like General Mason and Assistant Surveyor for rural youth



- MOU with CADD Centre Tirupati and Vestian Global Work place Services Pvt Ltd
- 42 students of SVCE Civil Department got A.P.Grama Sachivalayam Jobs
- Department organized 25 industrial visits till now
- 25 students **got Ranks in GATE/PGECET**
- 4 students doing MS in foreign Universities

Student Achievements

P.Murali Krishna achieved State Level 3rd Rank in Andhra Pradesh Grama /Ward Sachivalayam Recruitment-2020,Post Category-II (Group-2(B)



S.J.Baba Saif Ali (2015-2019) Selected for Prathibha Award by Govt. of Andhra Pradesh.

Students B.Vikasnath Reddy, K.Girsh, N.Charita admitted in NIT's through GATE Score



Mr. N.Sai Charan IV B.Tech CE student Won First prize in Mono Action in NSS University Level Youth Festival at JNTUA, Anantapuramu and selected to participate in NSS State Level Youth festival.



Ms K.Hima Bindu (19BF1A0117) III Btech, was awarded "INDIA BOOK of RECORDS 2021" for "Maximum Stencil Portraits of Indian Prime Ministers on a single Sheet" on April 15 th 2021.



FACULTY ACHIEVEMENTS

- Dr.M.Chittaranjan received the Award title of “**Excellent Professional Achievement Award**” from The Society of Innovative Educationalist & Scientific Research Professional, Chennai in 2020.
- Dr.M.Chittaranjan, received the Award title of “**Innovative Technological Research & Dedicated Academician Award**” from Innovative Scientific Research Professional Malaysia Accredited with The Society of Innovative Educationalist & Scientific Research Professional in 2018.
- Dr.M.Chittaranjan Recognized as “**NPTEL Believer**” by NPTEL – Swayam Centre IITM for passing four subjects at a time in a semester
- Dr.M.Chittaranjan Recognized as “**NPTEL Motivated Learner**” by NPTEL – Swayam Centre IITM for passing 8 exams in four semesters
- Dr.M.Chittaranjan Recognized as “**NPTEL Discipline Star**” by NPTEL – Swayam Centre IITM for completing more than 50 weeks of learning,
- Dr.M.Chittaranjan Completed 14 NPTEL courses and got two Gold medals,6 Silver medals and placed 6 times in Topers list.
- Mrs.G.Anusha Successfully completed All modules of National Initiative for Technical Teachers and Training

DEPARTMENT FACULTY



Dr. M. Chittaranjan Prof. & HOD



Mr. V. Mahesh Asst. Prof.



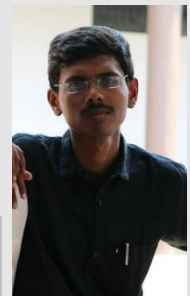
Mrs. G. Anusha Asst. Professor



Mrs. V. R. Sai Devayani



Mr. J. Harish Asst. Professor



Mr. K. Muni Swamy Asst. Professor



Mrs. A. Usha Asst. Professor



Mr. T. Pakkirappa Asst. Professor



Mr. C. M. Prakash Asst. Professor

ASSOCIATION MEMBERS

FACULTY CO-ORDINATORS



Mr. C.M. Prakash
Asst. Professor



Mrs. A. Usha Asst. Professor

STUDENT CO-ORDINATORS



PRESIDENT
P. Nikhil Venkatesh



SECRETARY
B. Lakshmi Prasad



JOINT SECRETARY
R. Rupa sree

DEPARTMENT LABORATORIES



Applied Mechanics Lab



Geology Lab



Environmental Engg Lab



Surveying Lab



Geotechnical Engg lab



Transport Engineering lab



Concrete Lab



Strength of materials

Group Picture of first year students of the department 2022-2026



Group Picture of second year students of the department 2021-2025



Group Picture of third year students of the department 2020-2024



Group Picture of fourth year students of the department 2019 - 2023



INAUGURATION EVENT



SRI VENKATESWARA COLLEGE OF ENGINEERING



Department of Civil Engineering

Invitation

The Students of Civil Engineering Department cordially invites you to INAUGURAL function of

SHILANYAS
"CIVIL ENGINEERING ASSOCIATION"

on
DATE:23rd December 2021
Thursday at 9:30 Am

Venue

Placement cell,3rd floor
Admin block,
SV Colleges
Tirupati.

LAMP LIGHTING BY THE CHIEF GUESTS

Darkness can only be wiped out by the Bright light and Beginning the event auspiciously with lighting the Lamp by the Chief Guests



WELCOMING THE GUESTS

Welcoming the Chief Guests to the event as a token of honour



SPEECH BY PRINCIPAL



SPEECH BY VICE PRINCIPAL



SPEECH BY HOD



SPEECH BY Sr.FACULTY



SPEECH BY DEPARTMENT FACULTY



SPEECH BY PRESIDENT



P.NIKIL VENKATESH

Life is always unexpected ,so plan your career that ultimately leads to your goal

SPEECH BY SECRETARY



B.LAKSHMI PRASAD

Prefer to be a smart worker instead of being a hard worker

SPEECH BY JOINT SECRETARY



R.RUPA SREE

Make your own choice , aim for impossible , to make everything possible

SPEECH BY TRESSURER



G.H.SAI SHAALINI

Be consistent and determinant to reach your dream

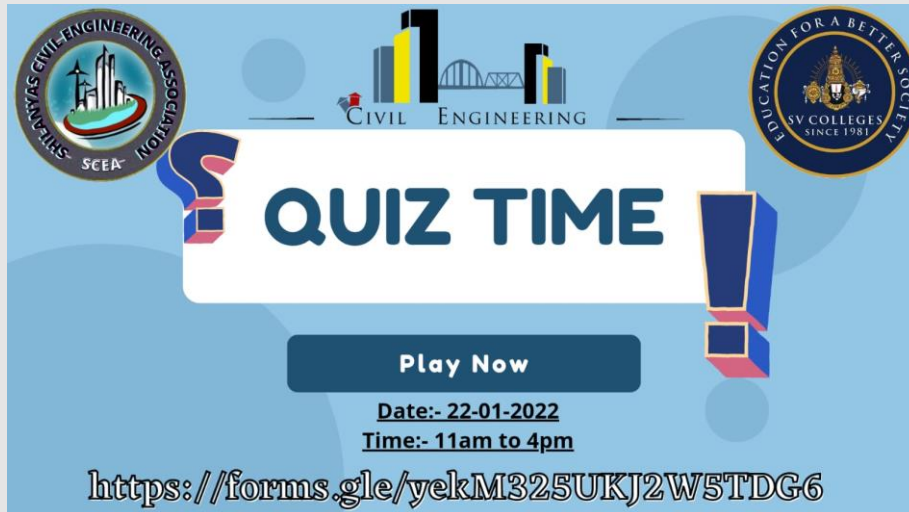
GROUP PICTURES OF DEPARTMENT STUDENTS



EVENTS CONDUCTED

Below are the Events conducted for the students on behalf of SCEA in the year 2022

Quiz competition held on 22 Jan 2022 in Online



The banner features the SCEA logo on the left and the SV Colleges logo on the right. In the center, it says "CIVIL ENGINEERING" above a large "QUIZ TIME" text. Below this, there is a "Play Now" button, the date "Date:- 22-01-2022", and the time "Time:- 11am to 4pm". At the bottom, the URL <https://forms.gle/yekM325UKJ2W5TDG6> is provided.

Quiz Competition is held in online mode on 22 january, 2022 at 11am to 4 pm time. Qui is conducted through Google forms

Drawing Competition held on 5th march 2022

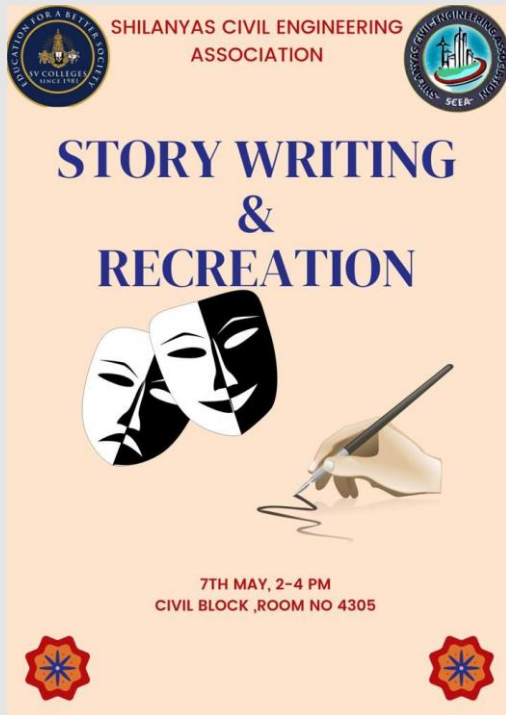


The banner includes the SCEA and SV Colleges logos. It features illustrations of a paint palette, a pencil, a pen, and a drawing of a flower. The text reads "DRAWING COMPETITION", "Date: 05-03-2022", "Time: 2:00pm to 4:00pm", and "Room No:- 4305". At the bottom, it says "Drawing is not what one sees, But what one can make others see."



Drawing Competition held in Offline mode. Students actively showed their skill in drawing competition held on 05 march 2022 in between 2:00 pm to 4:00pm

Story writing competition held on 07 may ,2022



Story Writing Competition held on 07th may , 2022 in between 2:00pm to 4:00pm in Offline mode. Students creatively penned stories and narrated their stories.

Debate held on 14 may ,2022

TEAM - A



V/S

TEAM - B



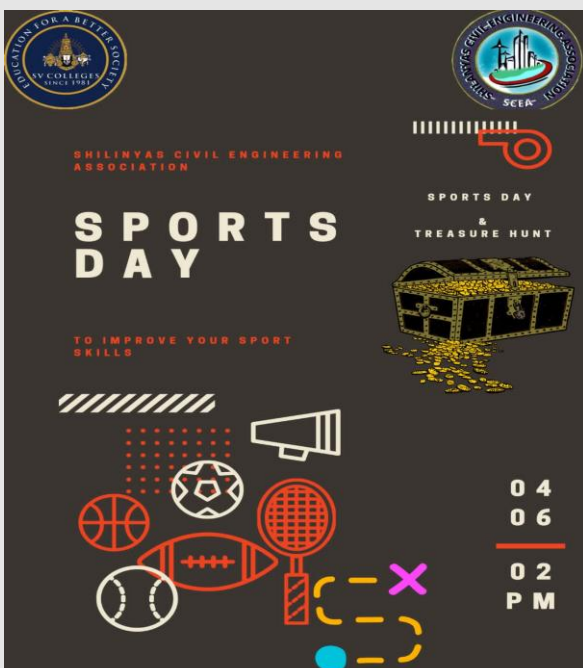
Debate held on 4th may , 2022 within the time duration 02:00pm to 04:00pm in offline mode . Students were given a topic to debate with the opposite teams. Students raised accurate points in the debate and made the session more interesting.

Model making by Origami held on 21 may ,2022



Model making by Origami held on 21st may 2022 in between 02:00pm to 04:00pm in offline mode . Students formed into teams and made models of their chosen constructions by using Paper. The models turned into good one.

Sports Day held on 4th june ,2022



Sports Day held on 04th june 2022 during 02:00pm to 04:00pm. Students actively participated in their wished Sport and event turned out more enjoyable

Poster Presentation held on 05 August,2022



Poster Presentation held on 05 August 2022 in the time duration 02:00pm to 04:00pm in offline mode. Students made posters regarding the topics that they



HOWRAH BRIDGE MODEL

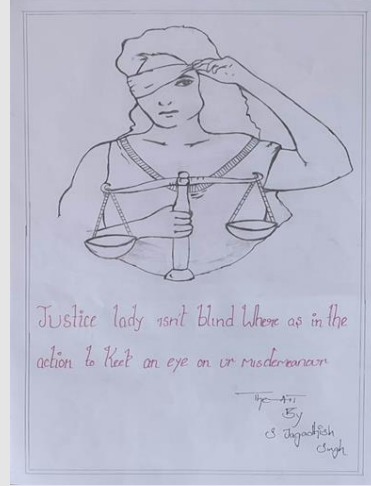


HOWRAH BRIDGE MODEL made by the students. The model was made only by using the iron .the iron was welded and properly arranged to bring out the model

ARTS BY STUDENTS



Pencil Portrait of Sir
Mokshagundam Visvesvaraya
- by K.Hima Bindhu



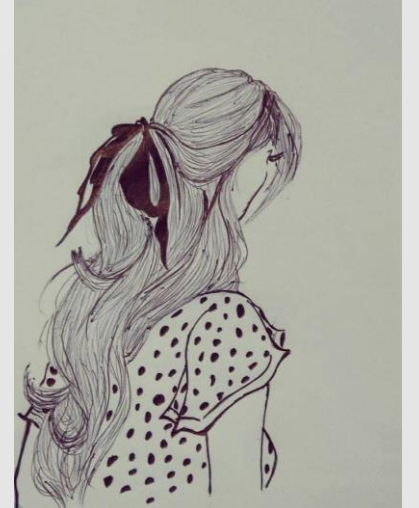
Justice Lady
-By S.Jagadeesh singh



Pencil Art -By G.Sreya

అన్ని పోగొట్టుకొని, అవమానంతో
కుమిలిపోయే భార్యని వెంటపెట్టుకొని
అరణ్యాలకు వెళ్లిన పాండవులకు కూడా...
కురుక్షేత్రం అనే మరో అవకాశం దక్కింది...
తిరిగి సర్వాన్ని సంపాదించు కోడానికి...

So have some patience ,let life give you a
second chance - M.Reddy sai



Sketches -By K.Pavani

INDUSTRIAL VISITS

Industrial Visit to HNSS TUNNEL , CONCRETE READY MIX PLANT, Madanapalli-Pileru , Chittoor



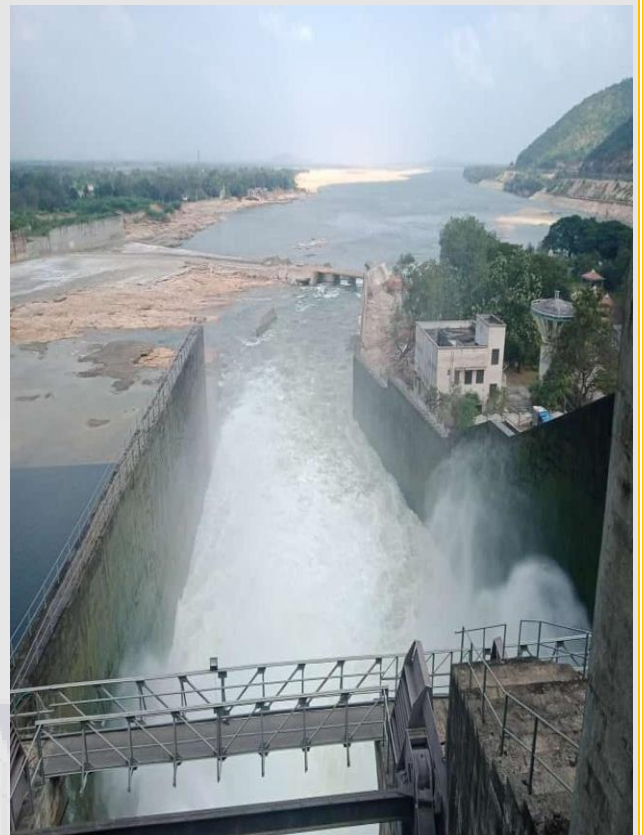
The "HNSS Tunnel ,Ready mix concrete Plant" is located in Madanapalli-Pileru , Chittoor. Dr. N. Krishna Murthy Assistant Executive Engineer explained the working of Ready mix concrete plant and its need in construction industry. This industrial visit made all students to understand the concepts that comes in the subject Concrete Technology. Students came to know the need, construction and design concepts of HNSS Tunnel which is located in Madanapalle.

Industrial visit to BRAMHASAGAR RESERVOIR in Badvel



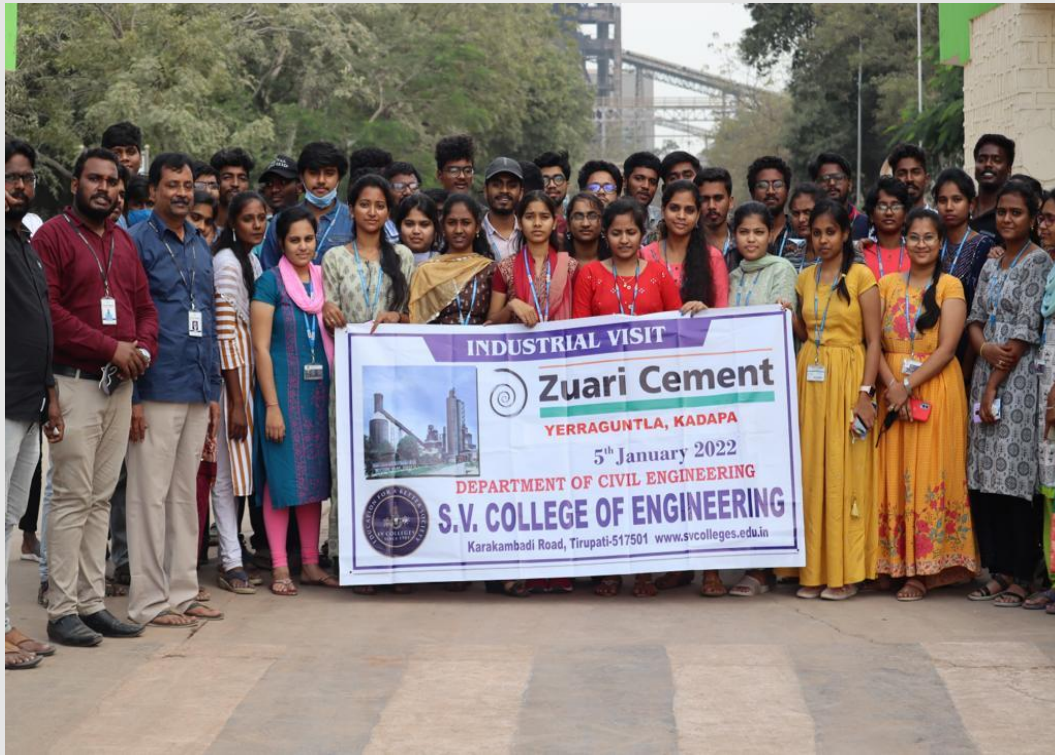
The 'BRAMHASAGAR RESERVOIR' is present in Badvel. Er.K.Mohan Deputy Executive Engineer clearly explained about every unit of the treatment plant and every step of treating water like aeration, sedimentation, filtration, etc. The students acquired knowledge regarding the steps of water treatment in the water treatment plant and also the source of the water for the treatment that is to be done in Water treatment plant. This industrial visit makes the students to understand the subject Environmental Engineering

Industrial visit to SOMASILA DAM ,NELLORE



The "Soma sila Dam" is a dam constructed across the Penna River near Somasila, Nellore district, Andhra Pradesh, India. The reservoir impounded by the dam has a surface area of 212.28 km² with live storage capacity of 1.994 km³ . The visit to the Somsila Dam gave much practical knowledge to the students regarding the Dam operations .Er.Venkateshwara Rao, Assistant Executive Engineer very well explained each of the every unit in the Dam and also about the capacity , flow rate , surface area , etc. The Somasila Dam visit was a good experience for the students and helped them to acquire knowledge by watching the Dam and it's operations carefully

Industrial visit to ZUARI CEMENT, Yerraguntla,kadapa



Zuari is a high quality Cement manufacturing plant and globally recognised and produces various types of cements including OPC,PPC,special cement,etc. It is located in Yerraguntla,Kadapa district,Andhra Pradesh.The manufacturing capacity is 7.1 tonnes in India. Everyday they manufacture fresh cement by taking in different proportions of lime,silica,aluminium,etc.In the manufacturing plant students became aware regarding the manufacturing process of the Cement in an ethical way ,which doesn't increase the damage to the environment.Zuari is the leading Cement factory in the world.The cement is manufactured keeping few points in the mind i.e.,low cost,high quality,high strength,many more advantages

WORKSHOPS

Architectural 3D Modelling using Sketch Up



2BHK RESIDENTIAL FLOOR PLAN USING AUTOCAD



2BHK Residential floor plan using AUTOCAD

Learn the best leading 2D/3D designing software



conducting on :26th,27th of july

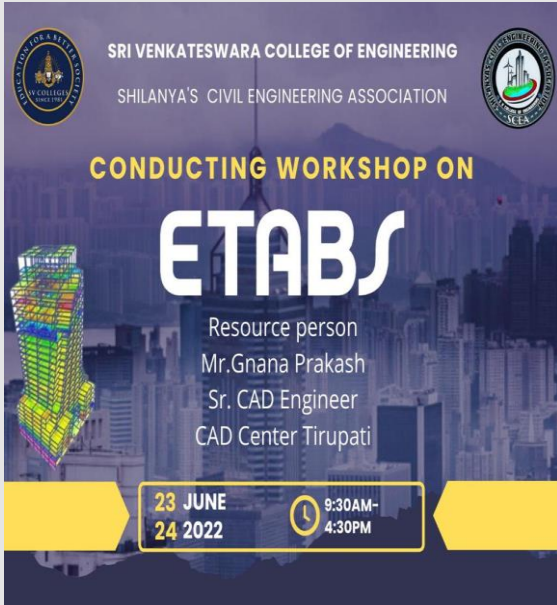


VENUE:4TH BLOCK,CAD LAB

ORGANIZING BY SHILANYAS,
DEPARTMENT OF CIVIL ENGINEERING,
SVCE



ETABS WORKSHOP



SHRI VENKATESWARA COLLEGE OF ENGINEERING
SHILANYA'S CIVIL ENGINEERING ASSOCIATION

CONDUCTING WORKSHOP ON
ETABS

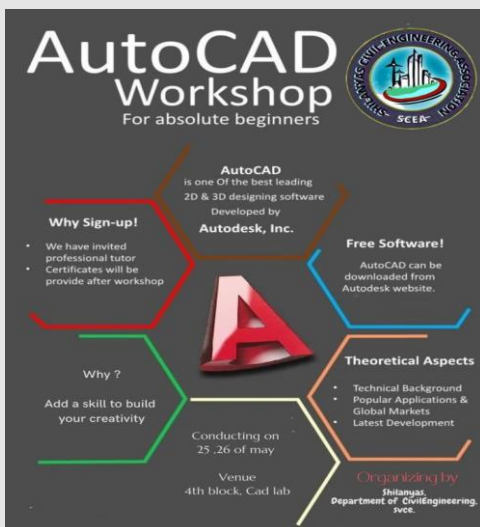
Resource person
Mr.Gnana Prakash
Sr. CAD Engineer
CAD Center Tirupati

23 JUNE 9:30AM-
24 2022 4:30PM



*2 day workshop on ETABS
by
Mr.Gnana Prakash ,
Sr. CAD Engineer ,
CAD Center , Tirupati*

AUTOCAD WORKSHOP



AutoCAD Workshop
For absolute beginners

AutoCAD is one of the best leading 2D & 3D designing software developed by Autodesk, Inc.

Why Sign-up!

- We have limited professional tutor
- Certificates will be provide after workshop

Free Software!

AutoCAD can be downloaded from Autodesk website.

Theoretical Aspects

- Technical Background
- Popular Applications & Global Markets
- Latest Development

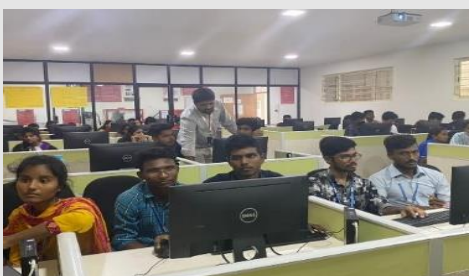
Why ?

Add a skill to build your creativity

Conducting on 25,26 of may

Venue 4th block, Cad lab

Organizing by Shilanya's Department of Civil Engineering, svce.



*2Day Workshop on Autocad by
Mr.Gnana Prakash , Sr.CAD Engineer ,
CAD Center , Tirupati*

SURVEY CAMP

Students doing survey of the play ground under Engineer's guidance



Lecture on formation of output for the values taken at the Survey



Group Picture



Presenting momento



~ENGINEERS DAY~



Every year Department of Civil Engineering inaugurates Engineer's day on September 15th at SVCE to recognise and honour the achievements of the great engineer Mokshagundam Visvesvaraya. All Departments organizes various competitions to students



Lamp Lighting By The Dignitaries



About ENGINEERS DAY celebrations in SVCE in Andhrajyothi

~ INFOTAINMENT ON WHEELS IN COLLABORATION WITH ZUARI CEMENT~



INFOTAINMENT ON WHEELS

Organized by: Department of Civil Engineering
in Collaboration with Zuari Cement

www.svce.edu.in

The “INFOTAINMENT ON WHEELS” is organized by the department of Civil Engineering in the collaboration with Zuari Cement .In this event Zuari cement industry brings a bus to college campus. It made a small trip with Civil Engineering Students. During travel the Zuari cement General manager explained the manufacturing process of cement in Zuari cement plant. They supplied T-Shirts, pens and snacks to students after the trip. Student got knowledge along with enjoyment.

~WEBINARS/SEMINARS~

SV College of Engineering Tirupati

Department of Civil Engineering presents a **WEBINAR** on
"SIGNIFICANCE OF GEOLOGY IN CIVIL ENGINEERING - FAILURE CASE STUDIES"
 by



Dr. CHANDRA SOGREDDY, Ph.D.
 Asst. Prof., Vardhaman College of Engg., Hyd.

16th Nov 2022, 02:30 - 03:30 PM
 Attended by: Students and Faculty
 Google Link: <https://meet.google.com/vsn-vym-qny>

Co-Convenor: Dr. M. Chinnarasu, Asst. Professor, Dept. of Civil Engineering
 Co-Convenor: Mrs. S. R. S. Devi, Asst. Professor, Dept. of Civil Engineering

SV College of Engineering Tirupati

Department of Civil Engineering presents **AWARENESS PROGRAM** on
"Software & Skill Training for Civil Engineers"
 by
 Technical Trainers & Presenters, JGC Software and Skill Training Center

Jan 5th 2022, 11:00 - 15:30 AM
 Attended by: Students and Faculty

Co-Convenor: Dr. M. Chinnarasu, Asst. Professor, Dept. of Civil Engineering
 Co-Convenor: Mrs. S. R. S. Devi, Asst. Professor, Dept. of Civil Engineering

SV College of Engineering Tirupati

Department of Civil Engineering presents **Webinar** on
"APPLICATION OF SCREEP - THE FUTURE OF INFRASTRUCTURE IN CIVIL ENGINEERING"
 by



Dr. Sadasu Sibi Reddy
 Senior Manager, Modeling To Four Company Pvt. Ltd.
 23rd Nov 2022, 2:00 - 3:00 PM

Attended by: Students and Faculty
 Google Link: <https://meet.google.com/vsn-vym-qny>

Co-Convenor: Dr. M. Chinnarasu, Asst. Professor, Dept. of Civil Engineering
 Co-Convenor: Mrs. S. R. S. Devi, Asst. Professor, Dept. of Civil Engineering

SV College of Engineering Tirupati

Department of Civil Engineering organizes an **AWARENESS PROGRAM** on
"WASTE MANAGEMENT"
 by



Mr. P. Rama
 Superintendent of Municipal Corporation, Tirupati.

Attended by: SV Faculties and Students of SV College

Date: 14/11/2022
 11:30 AM to 12:30 PM
 14th Nov 2022, 11:30 AM to 12:30 PM

Co-Convenor: Dr. M. Chinnarasu, Asst. Professor, Dept. of Civil Engineering
 Co-Convenor: Mrs. S. R. S. Devi, Asst. Professor, Dept. of Civil Engineering

A Guest Lecturer on
"RECENT DEVELOPMENTS IN CEMENT INDUSTRY"
 by
Mr. S. G. UDAYA KUMAR
 Deputy General Manager, Karnataka In Cement Services Dept.
 on 4th May, 2022

Organized by
Department of Civil Engineering
SV COLLEGE OF ENGINEERING
 Karabaddi, Tirupati - 517107.



SVCE TIRUPATI

BLUISH WEBINAR ON
Elements & Principles in Interior Design



D. LOHITHA
 Faculty, Department of Architecture, SVCE Tirupati

ON 04th JUNE, THURSDAY
 11:30 - 1 PM
 Through Meet Link

Co-Convenor: Dr. M. Chinnarasu, Asst. Professor, Dept. of Civil Engineering
 Co-Convenor: Mrs. S. R. S. Devi, Asst. Professor, Dept. of Civil Engineering

SV College of Engineering Tirupati

Department of Civil Engineering organizes an **Alumni Webinar** on
"Do's & Don'ts During B.TECH" by



Mr. V. VENKATESHWAR REDDY
 Polytechnic Lecturer, Sri Sriganga Coaching Center, Tirupati

NOV 12th 2022, 3:00 - 4:00 PM
 Attended by: Students and Faculty
 Google Link: <https://meet.google.com/fr-vnq-qnr>

Co-Convenor: Dr. M. Chinnarasu, Asst. Professor, Dept. of Civil Engineering
 Co-Convenor: Mrs. S. R. S. Devi, Asst. Professor, Dept. of Civil Engineering

SVCE TIRUPATI

ALUMNI CONNECT



CAREER OPTIONS AFTER B-TECH IN CIVIL ENGINEERING

Tuesday, Nov 22
 2:00 PM to 3:00 PM



Webinar by: **M. SUNIL**
 Design Engineer, Enviro Softtech

Link: <https://meet.google.com/vsn-vym-qny>

Co-Convenor: Dr. M. Chinnarasu, Asst. Professor, Dept. of Civil Engineering
 Co-Convenor: Mrs. S. R. S. Devi, Asst. Professor, Dept. of Civil Engineering

SV College of Engineering Tirupati

Department of Civil Engineering organizes an **Alumni Webinar** on
"Preparation Strategy for Competitive Examinations"
 by



P. S. RAMA
 M.Tech / Mechanical Engineering, SV University, Tirupati

June 28th 2022, 10:00 - 11:00 AM
 Attended by: Students and Faculty

Co-Convenor: Dr. M. Chinnarasu, Asst. Professor, Dept. of Civil Engineering
 Co-Convenor: Mrs. S. R. S. Devi, Asst. Professor, Dept. of Civil Engineering



SV College of Engineering Tirupati

Department of Civil Engineering organizes an **Alumni Webinar** on
"Awareness Regarding Architectural Software"
 by



Sadasu Sibi Reddy & Sasi Akhanna
 ARCHITECTURAL ARCHITECTS, Tirupati

July 10th 2022, 1:00 - 3:00 PM
 Attended by: Students and Faculty

Co-Convenor: Dr. M. Chinnarasu, Asst. Professor, Dept. of Civil Engineering
 Co-Convenor: Mrs. S. R. S. Devi, Asst. Professor, Dept. of Civil Engineering



~WEBINARS/SEMINARS~

WEBINARS/SEMINARS BY EXPERTS/Carrier Guidance programs

- *M.Trinath , Trainer,ACE – “Career Opportunities after B.E and B.Tech”*
- *Mr.K.Sai Pavan , (Ph.D) Associate Professor ACE Engineering Academy – “What is the Right Time &strategy for preparation of GATE?”*
- *Dr.Chandra Bogireddy ,Associate Professor, Vardhaman College of Engineering,Hyd – “Significance of Geology in Civil Engineering - Failure case studies”*
- *Dr.Subbarao Pichuka Assistant Professor , Department of Civil Engineering , NIT AndhraPradesh- “An overview on Interlinking of Rivers”*
- *P.Ravi , Superintendent of Municipal Corporation , Tirupati – Awareness Program on “Waste Management”*

ALUMNI WEBINARS

- *Mr.S.G.Uday Kumar Deputy General Manager Heidelberg Cement Group,Karnataka – “Recent Development in Cement Industry”*
- *T.Venkata Pravinay – “Do’s and Don’t’s during BTech”*
- *M.Sunil – “Career opportunities after BTech in Civil Engineering”*
- *K.Saravana – “Preparation strategy for Competitive Examinations”*
- *V.Lalith Kumar &G.Sai Abhishek – “Awareness regarding Architectural Software’s”*
- *B.Lohitha – “Elements &Principles in Interior Design”*

~OUR ACHIEVERS~

~GATE RANKERS~

	Name of the Student	Roll Number	GATE RANK	Acadmic Year
1	N. Ashoka Reddy	15BF5A0107	16359	2017-2018
2	P. Keerthana	14BF1A0146	27473	2017-2018
3	N. Charita	15BF1A0125	6616	2018-2019
4	B. Vikas Nath Reddy	15BF1A0107	3232	2018-2019
5	Shaik Jandaman Sai f Ali	15BF1A0141	24739	2018-2019
6	Kovuru Girish	15BF1A0105	13280	2019-2020
7	B.Vikas nath reddy	15BF1A0107	3232	2019-2020
8	N.Charita	15BF1A0125	11102	2019-2020

~PGECET RANKERS~

	Name of the Student	Roll Number	PGECET RANK	Acadmic Year
1	S. Sushma	14BF1A0146	1393	2017-2018
2	B.Ravali Muni Sree	15BF1A0105	3310	2018-2019
3	S.Yaswanth Sai Krishna	15BF1A0137	1470	2018-2019
4	Kovuru Girish	15BF1A0105	910	2018-2019
5	P.Murali Krishna	15BF1A0128	24	2019-2020
6	K.Girish	15BF1A0117	50	2019-2020
7	K.Saravana	16BF1A0113	272	2019-2020
8	T. Pravinay	17BF5A0113	336	2019-2020
9	K. Vaishnavi	17BF5A0107	336	2019-2020
10	K.Geetika Chowdary	16BF1A0116	522	2019-2020
11	S.Harish Kumar	15BF1A0139	629	2019-2020
12	O.Chenchu Kumar	15BF1A0126	783	2019-2020
13	M.Sunil	16BF1A0120	783	2019-2020
14	A.Vinod	15BF1A0102	971	2019-2020
15	P.Lavanaya	15BF1A0131	971	2019-2020
16	T.Rama Lakshmi	16BF1A0144	1184	2019-2020
17	P.Divija	17BF5A0118	1404	2019-2020
18	S.M.Reddy Hrithik	16BF1A0138	1404	2019-2020

AP PGCET - 2021 RANK CARD
(Conducted by Sri Venkateswara University, Tirupati)

Registration No : 611003364
Candidate's Name : N SAI VENKATA PRATHYUSHA
Father's Name : NIDIMORU SACHEENDRA BABU
Address : 45/430-3, BALAJI NAGAR, KADAPA, YSR KADAPA, ANDHRA PRADESH - 516003

Hall Ticket Number : 7318850274
Local Area : SVU
Category : BC_D
Gender : FEMALE
Date of Birth : 13/08/2000

Subject Code : CE Subject Name : CIVIL ENGINEERING

Marks Obtained : 35 Rank in Words : Eight * Six * One Rank in Figure : 861

CONVENER AP PGCET - 2021

10/21/21, 12:39 PM

AP PGCET - 2021 RANK CARD
(Conducted by Sri Venkateswara University, Tirupati)

Registration No : 6110054754
Candidate's Name : TELLAPATI VENKATA PRAVINAY
Father's Name : TELLAPATI SREENIVASULU
Address : 20-49-82-277, KORLAGUNTA, TIRUPATI, CHITTOOR, ANDHRA PRADESH - 517501

Hall Ticket Number : 7385800563
Local Area : SVU
Category : OC
Gender : MALE
Date of Birth : 09/05/1998

Subject Code : CE Subject Name : CIVIL ENGINEERING

Marks Obtained : 59 Rank in Words : Four * Zero Rank in Figure : 40

CONVENER AP PGCET - 2021

10/21/21, 12:52 PM

AP PGCET - 2021 RANK CARD
(Conducted by Sri Venkateswara University, Tirupati)

Registration No : 6110018224
Candidate's Name : M SUNIL
Father's Name : M KANNALAH
Address : 15-199, PANCHALI NAGAR, RENIGUNTA, CHITTOOR, ANDHRA PRADESH - 517520

Hall Ticket Number : 7385800313
Local Area : SVU
Category : OC
Gender : MALE
Date of Birth : 18/11/1998

Subject Code : CE Subject Name : CIVIL ENGINEERING

Marks Obtained : 49 Rank in Words : One * One * Six Rank in Figure : 116

CONVENER AP PGCET - 2021

AP PGCET - 2021 RANK CARD
(Conducted by Sri Venkateswara University, Tirupati)

Registration No : 6110003526
Candidate's Name : KANAKANDU HARINI
Father's Name : KANAKANDU KUSHANNA
Address : 2/82, THALLAPAKA, RAJAMPET, YSR KADAPA, ANDHRA PRADESH - 516126

Hall Ticket Number : 7318850183
Local Area : SVU
Category : BC_A
Gender : FEMALE
Date of Birth : 16/06/1999

Subject Code : CE Subject Name : CIVIL ENGINEERING

Marks Obtained : 40 Rank in Words : Four * Four * Nine Rank in Figure : 449

CONVENER AP PGCET - 2021

AP PGCET - 2021 RANK CARD
(Conducted by Sri Venkateswara University, Tirupati)

Registration No : 6110030987
Candidate's Name : GAJULA BHARGAV
Father's Name : GAJULA BHASKAR
Address : 3/7, SETTIGUNTA, RAILWAY KODUR, KADAPA, ANDHRA PRADESH - 516101

Hall Ticket Number : 7385800166
Local Area : SVU
Category : OC
Gender : MALE
Date of Birth : 19/07/1998

Subject Code : CE Subject Name : CIVIL ENGINEERING

Marks Obtained : 69 Rank in Words : One * Six Rank in Figure : 16

CONVENER AP PGCET - 2021

AP PGCET - 2020 - RANK CARD
(Conducted by Andhra University, Visakhapatnam)

Registration No : 6210018518
Candidate's Name : P MURALI KRISHNA
Father's Name : P CHANDRA MOULI
Address : 48- D TYPE, K.T. QUARTERS, K.T. ROAD, TIRUPATHI, CHITTOOR, ANDHRAPRADESH - 517501

Hall Ticket Number : 6328011292
Local Area : SVU
Category : BC_B
Gender : MALE
Date of Birth : 25/08/1998

Subject Code : CE Subject Name : CIVIL ENGINEERING

Marks Obtained : 58 Rank in Words : Two * Four Rank in Figure : 24

Prof. PSRINIVASA RAO CONVENER AP PGCET - 2020

AP PGCET - 2020 - RANK CARD
(Conducted by Andhra University, Visakhapatnam)

Registration No : 6210284612
Candidate's Name : KOVURU GIREESH
Father's Name : KOVURU MUNIRAJA ACHARI
Address : 1-179, DIGUVA RAMAPURAM VILLAGE, R.C.PURAM MANDAL, CHIRROOR DIST, RC PURAM, CHITTOOR, ANDHRA PRADESH - 517561

Hall Ticket Number : 6328010895
Local Area : SVU
Category : BC_B
Gender : MALE
Date of Birth : 12/04/1999

Subject Code : CE Subject Name : CIVIL ENGINEERING

Marks Obtained : 54 Rank in Words : Five * Zero Rank in Figure : 50

Prof. PSRINIVASA RAO CONVENER AP PGCET - 2020

AP PGCET - 2020 - RANK CARD
(Conducted by Andhra University, Visakhapatnam)

Registration No : 6210047280
Candidate's Name : K SARAVANA
Father's Name : K ESWARALAH
Address : 20-2-517/A, KORLAGUNTA, TIRUPATI, CHITTOOR, ANDHRA PRADESH - 517501

Hall Ticket Number : 6328010733
Local Area : SVU
Category : BC_A
Gender : MALE
Date of Birth : 01/07/1999

Subject Code : CE Subject Name : CIVIL ENGINEERING

Marks Obtained : 43 Rank in Words : Two * Seven * Two Rank in Figure : 272

Prof. PSRINIVASA RAO CONVENER AP PGCET - 2020

MAT RANKER

Name of the Student	Roll Number	MAT-Score	Academic Year
A. Nikhila Padama	17BF1A0103	96.68	2020-21

CONGRATULATIONS TO PLACEMENT ACHIEVERS

Sl.No.	Roll No.	Name of the Student	Company
1	18BF1A0103	Atmakur Gnana Prasanna	CTS, GenC, Capgemini
2	18BF1A0104	A. Soujanya	Wipro
3	18BF1A0107	B.Satish Reddy	Wipro
4	18BF1A0111	C.Vijay Bharath	Wipro
5	18BF1A0113	G Bindu	Wipro
6	18BF1A0115	G.Nivedita Reddy	Accenture, CTS, GenC, Wipro
7	18BF1A0117	K.Janaki J	CTS, Infosys
8	18BF1A0122	M Satish Reddy	Capgemini
9	18BF1A0123	M.Prajit Kumar	Wipro, TCS
10	18BF1A0125	M.Chetana	Wipro, Infosys
11	18BF1A0128	M. Devisree	Wipro
12	18BF1A0131	N.Sumanth	Wipro
13	18BF1A0133	P.Sethuvaradhan Reddy	Wipro
14	18BF1A0135	P. Deepak Kumar	Capgemini
15	18BF1A0137	P.Kotala Varshita	Focus Edumatics
16	19BF5A0111	P.Mithun	Focus Edumatics, Wipro
17	19BF5A0112	S.Prabhanjan	Wipro(Elite)
18	19BF5A0115	V.Deepika	Focus Edumatics
19	18BF1A0141	R. Preethi	Focus Edumatics
20	18BF1A0145	T. Sai Keerthna	CTS, Wipro, Genc

NEW TECHNOOLOGY IN CIVIL ENGINEERING

Kinetic Roads

The kinetic road is a term that can be defined as a system of obtaining energy from the kinetic energy produced by moving vehicles and converting it into electrical energy. Kinetic energy harvesting technologies from road infrastructure is a new research area in civil engineering that includes technologies that capture, store, and store wasted energy on pavement for later use. The technology is called Lybra, a tyre-like rubber paving that converts the kinetic energy produced by moving vehicles into electrical energy.



By

M.CHETHANA (18BF1A0125)

P. VARSHITHA (18BF1A0137)

SOLAR ROAD WAY CONCEPT

Solar Roadways is a modular paving system of solar panels that can withstand the heaviest truck. These solar road panels can be installed on roads, parking lots, driveways, sidewalks, bike paths, playgrounds, and virtually any surface under the sun. They mainly pay for themselves through the generation of electricity, which can power homes and businesses through driveways and parking lots. A nationwide system can produce clean renewable energy that a country uses as a whole

They also have many other features, including heating elements for snow/snow free-living, LEDs for creating street lines and signage an enclosed cable corridor for the storage and treatment of stormwater and provided a “home” for power and data cables. EVs will be able to charge with energy from the sun (instead of fossil fuels) from parking lots and driveways and, having a roadway system, mutual induction technology allows charging while driving



By

M. MUNI SUBRAMANYAM (18BF1A0129)

Y. SIVA (18BF1A0148)

Green Roof System

Rooftop greening is a layer of vegetation planted on a waterproof system installed on a flat roof or a slightly sloping roof. The Green Roof System reduces the overall heat transfer of the building, improves biodiversity, reduces runoff and reduces pollution. The suitable intensity of any inexperienced roof relies upon the roof structure, the flowers chosen, annual rainfall, and storm water overall performance requirements.

Green roof systems are suitable for renovation or remodelling projects as well as new buildings and can be installed on small garages or large industrial, commercial and municipal buildings.



By

N. Arun Kumar (19BF1A0143)

R. Siva Sagar (19BF1A0149)

Micro apartments in concrete pipes

Hong Kong studio James Law Cybertecture has developed a prototype for low-cost, stackable micro homes in concrete pipes, which could slot into gaps between city buildings. Called OPod Tube Housing, the project sees 2.5-metre-wide concrete water pipes transformed into 9.29-square-metre homes, with doors that can be unlocked using smartphones.

Studio founder James Law envisions these tubular structures being piled up on top of one another, creating affordable starter homes for young people in vacant city-centre locations across Hong Kong. He told Dezeen he thinks residents could live happily in the tubes for one to two years. He believes they would appeal to "young people who can't afford private housing".



By

A. Harini (19BF1A0101)

K. Manasa (19BF1A0128)

Modular Construction

Modular construction is one of the most popular developments in civil engineering, where a building is constructed off-site using the same materials and designed to the same standards as traditional on-site construction.

Modular construction is an advanced substation construction mode; Its key feature is the whole substation insulation, all closed, a variety of functional units to form a fixed-function module, and the production, building and commissioning are finished in the factory. Compared with the traditional substation of the same voltage level, the modular construction smart substation can reduce the area by more than 30%, which fully embodies the concepts of resource conservation and environmental friendliness. The civil construction period has been greatly shortened, and the construction of substation efficiency has been greatly increased.



By

A. Aswini (20BF1A0103)

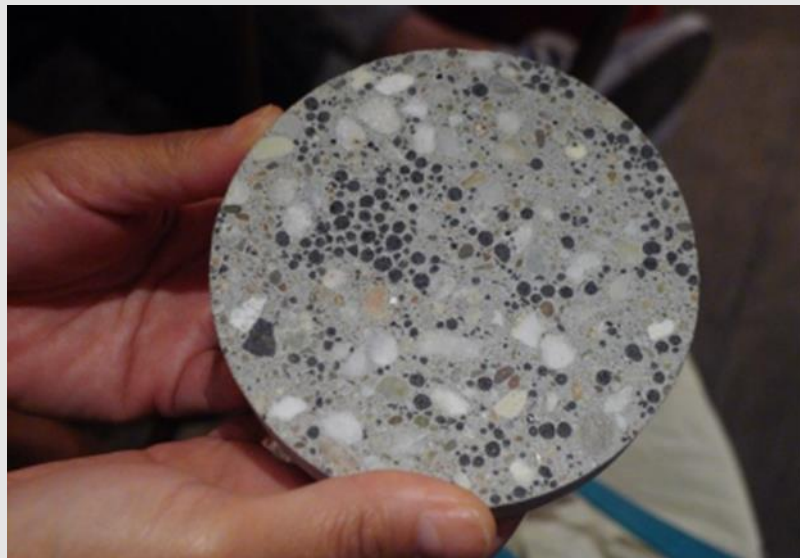
R. Rupasri (19BF5A0151)

Self-Healing Concrete

Self-healing concrete is mostly defined as the ability of concrete to heal its cracks either autonomously or autonomously. It is also called self-repairing concrete. Cracks in concrete are a common occurrence due to their relatively low tensile strength.

These cracks affect the durability of concrete because they provide an easy route for the transport of liquids and gases that contain potentially harmful substances. If microcracks grow and reach the reinforcement, not only can the concrete be attacked, but the reinforcement steel bars will also corrode. Therefore, it is important to control the width of the crack and repair the cracks at the earliest.

The self-healing of cracks in concrete will contribute to a longer service life of concrete structures and make the material not only more durable but also more



By

G..H.Sai Shalini(20BF1A0114)

G.Vishnu Teja (20BF!A119)

Concrete Canvas Cloth

Concrete Canvas is a flexible, concrete impregnated fabric that hardens when hydrated to form a thin, durable, water proof and fire resistant concrete layer. It is the original concrete on a roll. This new category of material is known as a GCCM (geosynthetic composite cementitious mat) and must meet standard ASTM D8364.

Concrete Canvas GCCM, allows concrete construction without the need for plant or mixing equipment. Simply unroll and position Concrete Canvas, and then just add water (any type of water, including sea water). Concrete Canvas has no impact on the pH of runoff water. Concrete Canvas is widely used as a cheaper alternative to non-structural shotcrete. Concrete canvas cloth is used as Channel Lining, Slope protection, bund lining, sewer pipes, ventwalls and outfalls



BY

C.Charan (21BF5A0101)

R.Chinna (21BF5A0104)

Fabric formwork

Fabric formwork is a building technology that employs geotextile fabrics as the formwork material for concrete construction. Its first application can be attributed to Gustav Lilienthal, a builder, and inventor, who combined his knowledge in textiles with construction to invent a fabric-formed suspended floor.

The material used for fabric formwork is geotextile. Geotextile fabrics used for formworks are flexible fabrics that possess high strength and do not tear under the action of loads. These materials are also referred to as polymer fabrics. Fabric formwork is flexible enough for the shaping of beams, columns, walls etc. It can also be used to make complex shapes which cannot be possible with conventional form work.



By

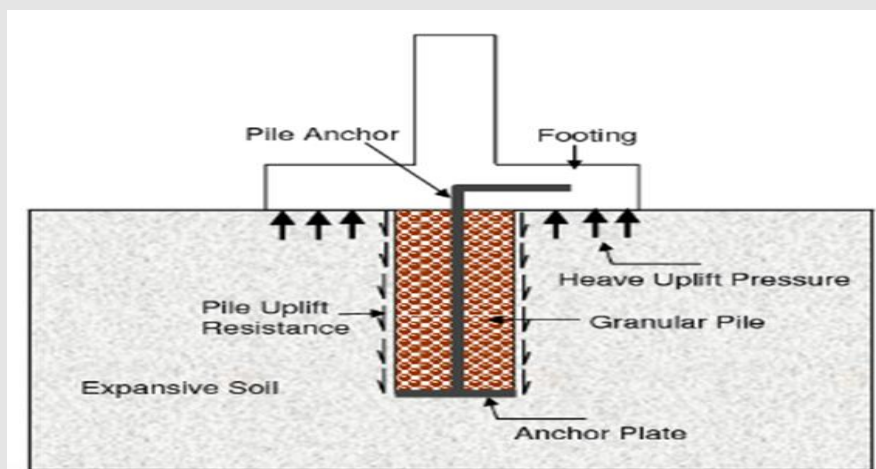
C. Reddy Prasad(21BF1A0110)

A. Vakas Reddy (21BF1A0103)

GRANULAR ANCHOR PILE

The transfer of compressive forces safely to the subsoil is a Prerequisite for foundations of civil engineering structures. However, structures like transmission lines towers, suspension bridges and other similar structures ask for a suitable foundation, capable of providing resistance to not only compressive but pullout forces also.

In Anchored Granular Pile (AGP), a mild steel rod is anchored to an anchor plate at the bottom of the granular pile rendering the granular pile tension-resistant and enabling it to offer resistance to the uplift forces. These forces are usually exerted on the foundation by the swelling soil. The resistance to the uplift largely depends upon the strength parameters of the pile soil interface and the lateral pressure of the soil caused due to swelling. The anchor plate is responsible for resisting the uplift forces. The uplift force due to swelling of soil is conclusively resisted by shearing stress along the interface of the granular pile as well as the weight of the pile itself.



By

A. Mounika (21BF1A0102)

V.Pallavi(21BF1A0103)

ARTICLES BY STUDENTS

ROLE OF YOUTH IN THE DEVELOPMENT OF SOCIETY

India has more than 200 million young Aspirants whose terms & conditions were allotted by their respective Parents, teachers and relatives.

The more we explore in to the problems in India, the more we conclude not to disturb them. Let me explain with a clean and clear example of a “Country Saree” (Village Saree). Once there was a unique tradition in this village, which was whenever someone from the village decided to get married they should wear the same Saree represents the culture of the village. Due to this, at some point of time there comes a small tear in the Saree. So, the village heads decided to cover that with a patch. After many years of its use, it was all nothing but patches. As relating this to our Indian Youth, we are thinking beyond what our ancestors does. We the generation of interrelating many ideologies and technologies together. In spite of Being in a techno-science evolving society, we are even thinking about arts and crafts too to regulate the life in more peaceful and joyful way. The patches holding on us were the past and semi-experienced ideologies of former generations. We’re all disguised with a thought of having such a huge number of youth without making any progress in India. And there is another known fact that people elect only men or women who are aged well above 40yrs as approximate. Well, the young men of India struggle a lot with parents abroad plans, relatives high income chaos, teachers honest citizen dreams. All these different perceptions on us leave in an Unknown Phobia. Modern Education system & teaching techniques, Our constitution laws will exactly match the Village Saree because they only focus on new problems where the former problems still exists. Many amendments came through, many curriculums passed but the Students still never understand what actual Education looks like. Even the business entrepreneurs say a lot about it. But even now, we carve for a LKG certificate.

I conclude that Youth itself cannot make much progress, they need support. If you don’t have a heart to encourage them atleast try not to discriminate with your capitalist ideas. Being in a Democratic nation, it’s not that easy to Convince our idea of making a Better India. Because here we shout a lot rather than thinking about the exact point in it...

Name: Mallela Reddi Sai.

Roll No.21BF5A0104

WHAT IS HARD ABOUT BEING A BOY?

Draw a line down the middle of a blank piece of paper. On the left side, write: “I am a male in society. Being a man means ...” On the right side, “I am a female in society. Being a woman means ...”

Take several minutes to write at least 5 sentences for each column.

Now, compare the two lists: How are they similar? How are they different? Are they helpful guides for male or female behavior? Or, do you feel they are somehow limiting?

Where do you think these ideas about what it means to be a man or woman come from? Are we born with them or are they learned?

- What’s the hardest thing about being a boy? What specific pressures or challenges do boys face? If you’re a girl, what do you observe to be hardships for boys?
- What are the good or best things about being male? What are the advantages that society provides for boys and men?
- Where did you learn what it is to be man or woman? From parents, peers, pop culture? Tell us about a specific time you learned what is expected of you based on your gender? For example, how boys or girls are supposed to dress or act, laugh or cry, express themselves or not?
- Mr. Reichert provides many facts and statistics about boys’ attitudes, behavior and life outcomes. Which did you find most significant and striking, and why? Do you agree with his view that “boyhood immerses boys in violence and the bullying that leads to it?” What have you experienced or observed that supports or contradicts this belief? If you are a boy, have you ever felt pressure to act tough and fight to not appear weak?
- What do adults, parents and teachers get wrong about being a boy? Do you ever feel confused or frustrated by the messages you receive about what it is to be a boy or man? Do you think it is harder to be a boy or man today than for your parents or grandparents? Why or why not?

BY

R.TEJ KUMAR

20BF1A0151

~FAREWELL PARTY~



~ CONCLUSION ~

During the year period 2021-2022, Shilanyas Civil Engineering Association (SCEA), along with the Department and with the co-operation of students has organised many events. Students had spent a good time and acquired much knowledge and skills via participating in various events under the guidance of respective faculty co-ordinators.

We are very happy that we successfully organised many events with the help of Civil Department. We contribute for more number of events to be happen in the future . We wish good luck and welcome our juniors to take the responsibility to organize many events through “ SHILANYAS CIVIL ENGINEERING ASSOCIATION”.

ALL THE BEST