



INDIAN GEOTECHNICAL SOCIETY

STUDENTS CHAPTER

Department of CIVIL ENGINEERING **(NBA accredited)**

Logo	
About IE (I)	<p>The Indian National Society of Soil Mechanics and Foundation Engineering was established in the year 1948 soon after the second International Conference on Soil Mechanics and Foundation Engineering held at Rotterdam. The Society was affiliated to the International Society in the same year and since then it has strived to fulfill and promote the objectives of the International Society. In December 1970, the name Indian Geotechnical Society (IGS) was adopted. In January 1994 it hosted XIIIth International Conference on Soil Mechanics and Foundation Engineering. The Society celebrated its Diamond Jubilee in the year 2008.</p> <p>IGS aims at promoting co-operation amongst engineers and scientists for the advancement and dissemination of knowledge in the fields of Soil Mechanics, Foundation Engineering, Soil Dynamics, Engineering Geology, Rock Mechanics, and their practical applications. It provides a common forum for academicians, research workers, designers, construction engineers, equipment manufacturers and others interested in geotechnical activity. The IGS, Coimbatore Local Centre has been one of the active centres and engaged in successfully translating the</p>

	<p>objectives of the society into practices.</p> <p>IGS Students Chapter was started at SKCET in the year 2016. IGS Student chapter has been organizing regularly seminars, symposiums and lectures to the student community. The chapter strives to maintain close contact with the students by conducting competitions. Our students were also participated in various events organized by IGS in various institutions and secured many prizes.</p>																							
<p>Office Bearers and members for the AY: 2022 - 2023</p>	<p>President : Mr. HARSHA VARTHAN G (4th year)</p> <p>Secretary : Mr. KAPIL E (3rd year)</p> <p>Joint Secretary : Ms. SATHYA GOMATHI J S (2nd year)</p> <p>Treasurer : Mr. LOKKESH KUMAAR (4th year)</p> <p>Executive members:</p> <ol style="list-style-type: none"> 1. Mr. GOWTHAM B (4th Year) 2. Mr. SHYAM SUNDAR S (4th year) 3. Ms. ABINAYA R (3rd Year) 4. Mr. HARIRAM K (3rd Year) 5. Mr. SUSHIL G (3rd Year) 6. Ms. POOJASREE R (2nd Year) 7. Ms. RIJUL S (2nd Year) <p>Faculty Mentor:</p> <p>Dr. R. Chandra Devi, Associate Professor, Department of Civil Engineering, SKCET.</p>																							
<p>Activities List till date</p>	<table border="1" data-bbox="467 1436 1468 1877"> <thead> <tr> <th data-bbox="467 1436 583 1486">S.No</th> <th data-bbox="583 1436 786 1486">Date</th> <th data-bbox="786 1436 1468 1486">Event Title</th> </tr> </thead> <tbody> <tr> <td data-bbox="467 1486 583 1541">1</td> <td data-bbox="583 1486 786 1541">15.09.2021</td> <td data-bbox="786 1486 1468 1541">Engineer's Day Celebration</td> </tr> <tr> <td data-bbox="467 1541 583 1596">2</td> <td data-bbox="583 1541 786 1596">04.03.2022</td> <td data-bbox="786 1541 1468 1596">Sustainable Geotechnics</td> </tr> <tr> <td data-bbox="467 1596 583 1650">3</td> <td data-bbox="583 1596 786 1650">23.04.2022</td> <td data-bbox="786 1596 1468 1650">Geotechnical Engineering Field Tests</td> </tr> <tr> <td data-bbox="467 1650 583 1705">4</td> <td data-bbox="583 1650 786 1705">15.09.2022</td> <td data-bbox="786 1650 1468 1705">Engineer's Day Celebration</td> </tr> <tr> <td data-bbox="467 1705 583 1759">5</td> <td data-bbox="583 1705 786 1759">21.12.2022</td> <td data-bbox="786 1705 1468 1759">Soil and Foundations in Civil Engineering</td> </tr> <tr> <td data-bbox="467 1759 583 1877">6</td> <td data-bbox="583 1759 786 1877">14.02.2023</td> <td data-bbox="786 1759 1468 1877">Scope of Geotechnical Engineering in the Construction Industry</td> </tr> </tbody> </table>			S.No	Date	Event Title	1	15.09.2021	Engineer's Day Celebration	2	04.03.2022	Sustainable Geotechnics	3	23.04.2022	Geotechnical Engineering Field Tests	4	15.09.2022	Engineer's Day Celebration	5	21.12.2022	Soil and Foundations in Civil Engineering	6	14.02.2023	Scope of Geotechnical Engineering in the Construction Industry
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IGS Activity 1 (Event Name):	Engineers Day Celebration
Date:	15.09.2021
Write-up:	<p>Department of Civil Engineering, SKCET - IGS Student chapter, ICI Student Chapter & IIC organized technical competitions for Engineers Day Celebration on 15th September 2021.</p> <ul style="list-style-type: none">• Free Hand Sketch on Geotechnical Problems - Drawing Competition for 2nd year Students• Quiz competition and Thematic powerpoint presentation on Geotechnical Engineering for 3rd year and Final year students• The students from all the years showed much interest and participated in the events. The 3 best performers were selected, and awarded with prizes• All the participants were appreciated with E-certificates.• The best performers details are<ol style="list-style-type: none">1. Free Hand Sketch Drawing – T. Gopika (20EUCV015)2. Thematic PowerPoint Presentation – Harish Bala (19EUCV014)3. Quiz Competition – Abiram Prasad (19EUCV501)

Picture:

SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institute Approved by AICTE - Accredited by NAAC with A Grade)
Kuvempur University - Belgaum

DEPARTMENT OF CIVIL ENGINEERING
Approved by AICTE

Indian Geotechnical Society (IGS) - Students Chapter
Institution's Innovation Council (IIC)
Indian Concrete Institute (ICI) - Students Chapter

Jointly Organized

"Thematic Presentation on Geotechnical Engineering" for Engineer's Day Celebrations 2021

- Participants are invited from II and Final year Civil Engineering Students
- Theme 1: Geotechnical Aspects of Post-Tensioned Theme 2: Landslide Mitigation
- Resources - Only 3 PowerPoint Slides - Slide 1, 2, 3- Title, Theme 1 and Theme 2
- Submissions are welcome on 27.08.2021
- Link: <https://forms.gle/3gWuxkXUYGZYUR8>

Prize for Best Performer and Certificate to all the Participants!!

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"Free Hand Sketch on Geotechnical Problems" for Engineer's Day Celebrations 2021

- Participants are invited from I and II year Civil Engineering Students
- Theme: "Geotechnical Problems in Civil Engineering"
- Submissions are welcome on 18.08.2021
- Link: <https://forms.gle/3gWuxkXUYGZYUR8>

Prize for Best Performer and Certificate to all the Participants!!

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Best Performers on Geotechnical Engineering Competition for Engineer's Day Celebrations - 18.09.2021

Drawing (II year) - T. Gopika (20EUCV015)
PowerPoint (II year) - Harish Bala (19EUCV014)
Quiz (II year) - Abhinav Prasad (19EUCV018)

**Prizes will be dispatched for above 3 Best Performers
Certificates will be issued to all the Participants!!**



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Jointly Organized

"Quiz Competition on Geotechnical Engineering" for Engineer's Day Celebrations 2021

- Participants are invited from II and Final year Civil Engineering Students
- Quiz on "Geology and Geotechnical Engineering"
- Participants are encouraged on 22.08.2021
- Link: <https://forms.gle/3gWuxkXUYGZYUR8>

Prize for Best Performer and Certificate to all the Participants!!



IGS Activity 2 (Event Name):	Webinar on “Sustainable Geotechnics”
Date:	04.03.2022
Write-up:	<p>Department of Civil Engineering, SKCET - IGS Student chapter, & IIC in association with IGS Coimbatore Chapter organized a webinar on "Sustainable Geotechnics" on 04th March 2022 (Friday) from 3.00 to 4.30 PM</p> <p>Resource Person:</p> <p>Dr. G. Janardhanan, Associate Professor and Head i/c, Centre for Environmental Management, NITTTR Chennai</p> <ul style="list-style-type: none"> • Dr. Janardhanan stated the latest trend of integrating Geotechnical Engineering, Environmental Engineering and Groundwater Engineering at present in order to solve any engineering problem effectively and its essential for sustainable solution • The resource person also mentioned that Sustainable Geotechnics is a developing solution to an engineering problem and that should not be a source for an another rising problem • Dr. Janardhanan mentioned about the availability of I-STEM facility at NITTTR Chennai - Linking researchers and resources and informed UG/PG/PhD candidates to make use of these facilities

- The resource person discussed few case studies on foundation failures and shared how it was tackled with geotechnical engineering knowledge

Picture:



IGS Activity 3 (Event Name):	Training on Geotechnical Engineering Field Tests
Date:	23.04.2022
Write-up:	<p>Department of Civil Engineering in SKCET has encouraged the staff members and students in learning the Field Investigation in Geotechnical Engineering. In this connection, Department of Civil Engineering, SKCET - IGS Student chapter & IIC organized a training session on Geotechnical Engineering Field Tests “Standard Penetration Test (SPT) and Dynamic Cone Penetration Test (DCPT)” on 23.04,2022.</p> <p>Resource Person:</p> <p>Er. Dhanasekar, Industry consultant, Leading Edge Equipments Private Limited, Coimbatore.</p> <ul style="list-style-type: none">• The SPT and DCPT were performed in the ground near to soil mechanics laboratory to determine the bearing capacity of soil.• The test was conducted in a bore hole by means of a standard split spoon sampler. By means of a drop hammer of 63.5 kg mass falling through a height of 750 mm at the rate of 30 blows per minute, the sampler was driven into the soil. The number of blows of hammer required to drive a depth of 450 mm was counted.• The DCPT was performed by driving a 62.5 mm cone using 65 kg hammer drop and thereby obtaining a record of resistance of the soil. <p>The number of blows for every 100 mm penetration of the cone was</p>

recorded until the required depth.

Picture:



(a) Lifting the load assembly using rope-pulley arrangement b) Verifying the seat drive of split spoon sampler



(c) Explaining free fall of 750 mm d) Split spoon sample e) Demo of Standard Penetration Test



(f) and (g) Fixing guiding rod and dynamic cone to free fall rod and load assembly



h) Dynamic cone penetrometer i) Demonstration of Dynamic Cone Penetration Test

IGS Activity 4 (Event Name):	Engineers Day Celebration
Date:	15.09.2022
Write-up:	<p data-bbox="386 338 1437 533">Department of Civil Engineering, SKCET - IGS Student chapter & IIC organized technical competitions for Engineers Day Celebration on 15th September 2022.</p> <ul data-bbox="386 575 1437 1724" style="list-style-type: none"><li data-bbox="386 575 1437 770">• Geochallenge, Geo Snap Talk Video Making, and Geo Poster competitions were conducted for 2nd year, 3rd year and Final year students<li data-bbox="386 812 1437 1008">• The students from all the years showed much interest and participated in the competitions. The best performers were identified from each competition, and awarded with prizes<li data-bbox="386 1050 1437 1089">• All the participants were appreciated with certificates.<li data-bbox="386 1131 1437 1724">• The best performers details are<ol data-bbox="435 1205 1437 1724" style="list-style-type: none"><li data-bbox="435 1205 1437 1245">1. Geoposter - T. Gopika (20EUCV015)<li data-bbox="435 1287 1437 1482">2. Geo Snap Talk Video - K. Navin Kishore (21EUCV024), R. Vigneshwar Nagendhiran (21EUCV040), M. Naveen Surya (20EUCV028)<li data-bbox="435 1524 1437 1724">3. Geochallenge Competition - C. Abhilash (21EUCV003), N. M. Sreeram (21EUCV0035), R. S. Kavinraj (22EUCV005), R. Gunanandhini (21EUCV014)

IGS Activity 5 (Event Name):	Guest Lecture on “Soil and Foundations in Civil Engineering”
Date:	21.12.2022
Write-up:	<p>Department of Civil Engineering, SKCET - IGS Student chapter, & IIC in association with SKCET National Service Scheme celebrated World Soil Day and organized a guest lecture on "Soil and Foundations in Civil Engineering" on 21st December 2022 (Wednesday) from 11.00 am to 12 noon.</p> <p>Resource Person :</p> <p>Ms. D. Ranjini, M.E., Chief Geotechnical Engineer, Geodesign India Private Limited, Coimbatore</p> <p>The guest lecture was focused on enhancing the students' knowledge in Soil and Foundations in Civil Engineering Structures.</p> <p>The resource person addressed to 1st year Civil Engineering students about,</p> <ul style="list-style-type: none">✦ Soil Types and Formation✦ Soil Characteristics✦ Foundation Details for World Famous Structures✦ Recent Geotechnical Projects handled in and around Coimbatore✦ Career Opportunities of Geotechnical Experts in Civil Engineering

Picture:

World Soil Day Celebration
Department of Civil Engineering
(Accredited by NBA)
&
SKCET National Service Scheme


INSTITUTION'S INNOVATION COUNCIL
Institution's Innovation Council (IIC)

Resource Person
Ms. D. Ranjini B.E., M.E.,
Chief Geotechnical Engineer
Geodesign India Private Limited
Coimbatore


Organizes


SKCET Indian Geotechnical Society
Student Chapter

Guest Lecture on
"Soil and Foundations in Civil Engineering"
Date: 21.12.2022
Time: 11.00 am to 12 Noon
Venue: C4 - 17

Coordinator
Dr. R. Chandra Devi
Associate Professor/Civil

Convenor
Dr. D. Maruthachalam
Professor & Head-Civil



Kuniamuthur, Tamil Nadu
WXP4+G8M, BK Pudur, Sugunap
Kuniamuthur, Tamil Nadu 64100
Lat 10.936228°
Long 76.9559°
21/12/22 11:09 AM

Kuniamuthur, Tamil Nadu
WXP4+G8M, BK Pudur, Sugunap
Kuniamuthur, Tamil Nadu 64100
Lat 10.936228°
Long 76.9559°
21/12/22 11:12 AM

Kuniamuthur, Tamil Nadu
WXP4+G8M, BK Pudur, Sugunap
Kuniamuthur, Tamil Nadu 64100
Lat 10.936252°
Long 76.955828°
21/12/22 11:06 AM

IGS Activity 5 (Event Name):	Guest Lecture on "Scope of Geotechnical Engineering in the Construction Industry"
Date:	14.02.2023
Write-up:	<p>Department of Civil Engineering, SKCET - IGS Student chapter & IIC organized a guest lecture on "Scope of Geotechnical Engineering in the Construction Industry" for the students of Civil Engineering on 14.02.2023.</p> <p>Resource person:</p> <p>Er. M.Yuvaraj, M. E., MIGS Geotechnical Engineer, Yuva Geostruct Engineering Infra, Salem.</p> <p>The resource person addressed to 2nd year Civil Engineering students about,</p> <ul style="list-style-type: none">✦ Geotechnical Challenges in the Field✦ Foundation of Tanjore Temple and Leaning Tower of Pisa✦ Underground Structures and Subway Design, Construction✦ Role of Geotechnical Engineer in the Construction Industry✦ Latest Research Area in Geotechnical Engineering
Picture:	

