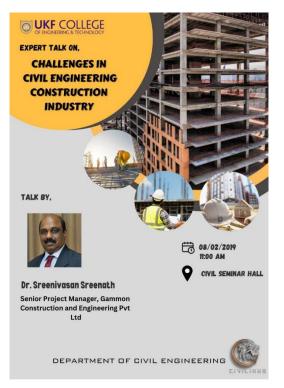
# CIVILIONZ

# Civil Association Activities



## Challenges in civil engineering construction industry



Topic: Challenges in Civil Engineering Construction Technology

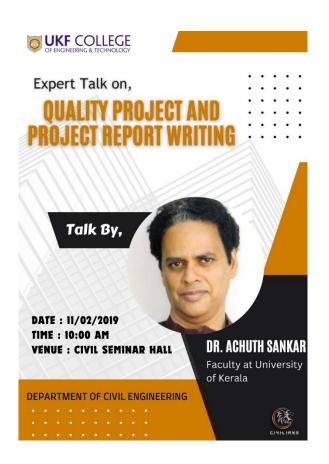
Date: 08/02/2019

Venue: Civil Seminar Hall

Speaker: Dr. Sreenivasan Sreenath, Senior project manager, Gammon construction and Engineering Pvt Ltd

The technical talk conducted by Dr. Sreenivasan Sreenath, a distinguished expert in civil engineering provided invaluable insights into the latest advancements in the construction industry. The program aimed to bridge the gap between theoretical knowledge and practical applications, offering a comprehensive overview of the challenges and opportunities faced by professionals in the field. The event underscored the importance of continuous learning and collaboration in navigating the evolving landscape of civil engineering.

#### Quality projects and project report writing



Topic: Quality Project and Project Report Writing

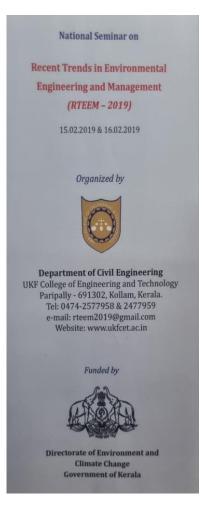
Date: 11/02/2019

Venue: Civil Seminar Hall

Speaker: Dr. Achuth Sankar Senior project manager, Faculty at University of Kerala

Dr. Achuth Sankar, delivered an insightful technical talk on "Quality Project and Project Report Writing." The program aimed to provide a comprehensive understanding of the principles and best practices in ensuring the quality of both project execution and the subsequent documentation. Participants engaged with Dr. Achuth Sankar, seeking clarification on technical aspects of project management and report writing. The open dialogue provided a platform for sharing experiences and gaining further insights into overcoming challenges

### National Seminar- RTEEM 2019



Topic: Recent trends in Environmental Engineering and Management Date: 15/02/2019 and 16/02/2019

#### Venue: SH1

The National Seminar on Recent Trends in Environmental Engineering and Management, generously funded by the Directorate of Environment and Climate Change, brought together experts, researchers, and practitioners to discuss and share insights on contemporary environmental challenges and innovative solutions. The insights gained from the seminar are poised to contribute significantly to advancements in the field of environmental sustainability.

#### Expert talk on Vasthu and its real values



Topic: Vasthu and its real values

Date: 15/03/2019

Venue: Civil Seminar Hall

#### Speaker: Mr Prajesh, Vasthu Consultant

Mr. Prajesh, a seasoned expert in Vastu, delivered a compelling technical talk on the topic "Vastu and Its Real Values." The program aimed to demystify Vastu, exploring its core principles and practical applications in modern architecture and design. He addressed queries related to specific Vastu applications and provided practical tips for implementation. The event emphasized the practical applications of Vastu principles in creating harmonious and positive living and working spaces. Mr. Prajesh's expertise and engaging presentation style left a lasting impact on the audience, fostering a renewed appreciation for the real values of Vastu in the realm of architecture and well-being.

### **Recent trends in civil Engineering**



Topic: Recent trends in civil engineering

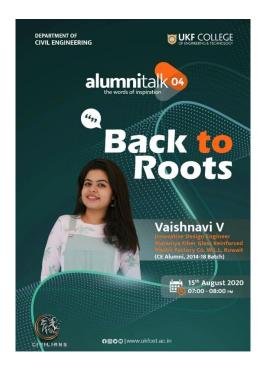
Date: 19/09/2019

Venue: Civil Seminar Hall

Speaker: Dr Anu N, Assistant Professor, TKM college of Engineering and Technology, Kollam

Dr. Anu N, an esteemed expert conducted an insightful technical talk on "Recent Trends in Civil Engineering." The program aimed to provide participants with a comprehensive understanding of the latest developments and innovations in the field. The event not only highlighted the latest trends but also delved into the technical intricacies of their implementation. Attendees left the program equipped with valuable insights and a deeper appreciation for the evolving landscape of civil engineering. Dr. Anu N's expertise and engaging presentation style contributed to the overall success of the event.

#### **Back to roots**



Topic: Alumini Talk Date: 15/08/2020 Venue: Google meet

Speaker: Vaishnavi V, Innovative Design Engineer, Wataniya Fiber Glass Reinforced Plastic Factory Co. W.L.L, Kuwait

The alumni talk featuring Vaishnavi VS, now an innovative design engineer, provided an inspiring and insightful session for current students. Vaishnavi, an esteemed alumna, shared her journey, experiences, and perspectives on the field of design engineering. Vaishnavi shared her experiences transitioning from academia to the professional world. She discussed the importance of continuous learning, adaptability, and the acquisition of practical skills. Vaishnavi emphasized the need for students to be proactive in seeking real-world experiences through internships and projects. The program concluded with a Q&A and interactive session where students had the opportunity to engage with Vaishnavi directly. Participants asked questions about specific design challenges, sought advice on skill development, and gained insights into the industry's expectations.

#### Meet the young Entrepreneur



Topic: Meet the Young Entrepreneur

Date: 20/11/2020

Venue: Google meet

Speaker: Mr. Varghese Joshua, Founder of FOR BUILDERS AND CONSULTANTS

"Meet the Young Entrepreneur" program featuring Mr. Varghes Joshua, provided an engaging and interactive session for participants. The program aimed to inspire aspiring entrepreneurs by sharing the journey, experiences, and insights of a successful young entrepreneur. The core of the interactive session revolved around Mr. Joshua's innovative approaches in the construction and consultancy sector. He shared insights into leveraging technology, implementing sustainable practices, and adopting customer-centric strategies. He discussed the importance of building a successful brand in the competitive business landscape. He highlighted the significance of brand identity, reputation management, and the role of social media in creating brand awareness. The event concluded with a networking session, providing participants with the opportunity to connect with Mr. Joshua and fellow attendees. This facilitated valuable interactions, potential collaborations, and the exchange of contact information for future engagements.

#### Are we a plasticterian-Microplastic era



Topic: Are we a plasticterian- Microplastic era

Date: 22/03/2021

Venue: Google meet

Speaker: Dr Chingakham Chinglenthoiba, Post Doctoral Fellowship, NUS, Singapore and Global Engineering Future Team Volunteer

The technical talk delivered by Dr. Chingakham Chinglenthoiba, addressed the pressing issue of microplastic pollution and its impact on human life. The program aimed to raise awareness and foster discussions on the pervasive presence of microplastics in our environment. Dr. Chinglenthoiba initiated the talk by providing a comprehensive overview of microplastics, shedding light on their sources, types, and the pathways through which they enter the environment. Technical aspects included discussions on the breakdown of larger plastic materials and the ubiquitous nature of microplastics in various ecosystems. Participants engaged with Dr. Chinglenthoiba, seeking clarification on technical aspects, discussing potential solutions, and sharing insights from their own perspectives. The open dialogue facilitated knowledge exchange and inspired further discussions on mitigating microplastic pollution.

#### **Introduction to Civil Engineering Software**

#### INTRODUCTION TO CIVIL ENGINEERING SOFTWARE.

Civil engineering software comprises a range of tools to help civil engineers throughout both the design and construction process. This software can help in every stage of the project including drafting & documenting, designing, visualizing & analyzing.

Save time and resources by capturing survey data in hours versus days, and improve insights at each stage of your surveying and site development work, Structural engineering, Transportation engineering, Civil construction Software which are useful for civil engineers.





Topic: Introduction to civil engineering softwares

Date: 03/04/2021

Venue: Google meet

Speaker: Mr Haleem Sha, Senior consultant- BHK Building Factory and Managing partner – MNCe Academy

The technical talk on "Introduction to civil engineering sogtware" by Mr. Haleem Sha provided participants with a focused exploration of two key software applications in the field. Mr. Haleem Sha began the talk by emphasizing the crucial role of Building Information Modeling (BIM) in civil engineering projects and introduced Revit as a powerful BIM tool. Technical aspects covered the creation of intelligent 3D models, collaborative design, and data-rich documentation. Participants gained insights into how Revit streamlines workflows, enhances accuracy, and fosters collaboration among project stakeholders.

#### La Tecnica - National technology day event



Topic: Quiz on National technological Day Date: 11/05/2021 Venue: Google meet

Targeted Audience: Btech students

The quiz programme conducted by the Civil Association coordinated by 2018-2022 batch on National Technological Day provided a platform for knowledge exchange, competition, and celebration of technological advancements in the civil engineering domain. The event aimed to engage participants in a challenging yet enjoyable quiz format, testing their understanding of key concepts and developments in civil engineering. Programme includes rounds like historical milestones, structural engineering, construction materials, environmental sustainability and recent technological innovations

### **Green synthesised photocatalysts for wastewater treatment- Technical Talk**



Topic: Green synthesised photocatalysts for wastewater treatment

Date: 12/05/2021

Venue: Google meet

Speaker: Ms. Angel Joseph, PhD scholar, IIT Delhi

The webinar on "Green Synthesized Photocatalysts for Wastewater Treatment" by Ms. Angel Joseph, provided a comprehensive exploration of sustainable solutions in the realm of wastewater treatment. The session aimed to enlighten participants on the innovative use of green-synthesized photocatalysts for addressing environmental challenges. She set the stage for an insightful discussion on the importance of environmentally friendly approaches in wastewater treatment, emphasizing the need for sustainable solutions. The webinar included an interactive Q&A session, allowing participants to engage with Ms. Angel Joseph directly. Attendees posed questions related to the technical intricacies of green-synthesized photocatalysts, their practical implementation, and potential challenges.

#### **Breath - Mind meditation & Yoga**



Topic: Chat with seniors, chapter 1: Breath- Mind Meditation and Yoga Date: 14/06/2021

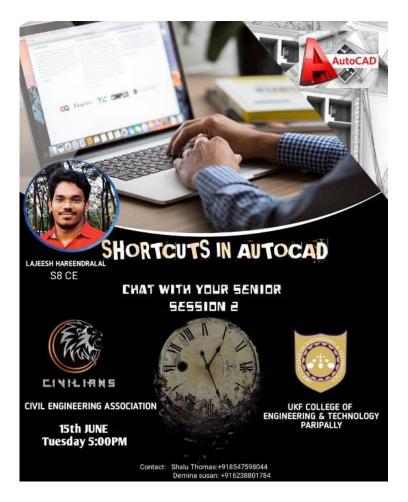
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Venue: Google meet

Speaker: Mr Ajesh A

The "Breath: Mind Meditation and Yoga" session, organized as part of the "Chat with Senior Students" initiative, aimed to provide insights into the transformative power of mindfulness, meditation, and yoga. The session, facilitated by senior student, Mr Ajesh A well-versed in these practices, sought to guide participants in enhancing mental well-being and achieving a balanced lifestyle.

#### **Shortcuts in Autocad**



Topic: Chat with seniors, chapter 2: Shorts in Autoad

Date: 15/06/2021

Venue: Google meet

Speaker: Lajeesh Hareendralal

The "Shortcuts in AutoCAD" session, organized as part of the "Chat with Senior Students" series, aimed to provide participants with insights and tips on maximizing efficiency in AutoCAD through the use of keyboard shortcuts. The session, facilitated by senior student Lajeesh Hareendralal (2017-2021 batch) proficient in AutoCAD, aimed to enhance the participants' productivity and proficiency in the software. He showcased how shortcuts could be employed for tasks like drawing lines, circles, and rectangles, as well as for editing commands like copy, paste, and delete. Participants were encouraged to follow along and practice using the demonstrated shortcuts.

#### Social climbers - Art of vertical gardening



Topic: Chat with seniors, chapter 3: Social Climbers: Art of vertical gardening Date: 17/06/2021 Venue: Google meet Speaker: Demina Susan Babu

The "Social Climbers: Art of Vertical Gardening" session, part of the "Chat with Senior Students" series, aimed to delve into the creative and sustainable practice of vertical gardening. The session, facilitated by senior student Demina Susan Babu (2017-2021 Batch) provided participants with insights into the art and benefits of cultivating gardens in vertical space. The facilitators highlighted the growing popularity of this eco-friendly practice and its potential for transforming urban spaces

### **Quantity surveying - estimation & costing**



Topic: Quantity surveying- Estimation and Costing

Date: 19/06/2021

Venue: Google meet

Speaker: Mr Anand Stanly, Senior Estimator/Qs, Specialised in luxury high end projects, Palace Group Contracting

The technical talk on "Quantity Surveying - Estimation and Costing" by Mr. Anand Stanly provided participants with valuable insights into the intricacies of quantity surveying, focusing on estimation and costing aspects. The session aimed to enhance the understanding of these critical components in the construction industry. The technical talk was structured to cover key aspects of quantity surveying, estimation, and costing, with a focus on practical applications and real-world experiences. The technical talk was structured to cover key aspects of quantity surveying, estimation, and costing, with a focus on practical applications and real-world experiences.

# Crimbo Bimbos - international Olympic day program



Programme: Crimbo- Bimbos (As a part of International Olympic Day)

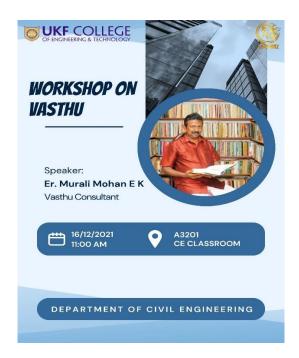
Date: 23/06/2021

Venue: Google meet

Type of Programme: Quiz

The online quiz programme conducted on Google Meet to celebrate Internal Olympic Day brought together participants in a virtual setting. The event aimed to engage and educate participants on Olympic history, sportsmanship, and the values associated with the Olympic Games The quiz was designed to be interactive and engaging, with questions covering various aspects of the Olympics. Google Meet's features, such as screen sharing and chat functionality, were utilized to facilitate the smooth flow of the quiz. Participants were encouraged to use the chat for answers and comments. Session has 4 rounds which includes Olympic history and traditions, sports and athlets, Olympic records and milestones, Flags and Symbols

#### A workshop on vasthu



Topic: Workshop on vasthu

Date: 16/12/2021

Venue: A3201 CE classroom

Speaker: Er. Murali Mohan EK

The workshop on Vasthu, conducted by Er. Murali Mohanan, provided participants with valuable insights into the principles and practices of Vasthu Shastra, an ancient Indian architectural and design philosophy. The session aimed to deepen participants' understanding of Vasthu and its application in creating harmonious and balanced living spaces. To provide a practical understanding of Vasthu, Er. Murali Mohanan presented case studies and real-world applications. Participants were guided through examples where Vasthu principles were successfully applied in residential and commercial spaces. This segment aimed to bridge the gap between theory and practical implementation.

#### Hydro-Hydra



Programme: Hydro- Hydra (As a part of world water day)

Date: 22/03/2022

Venue: Civil seminar hall

Type of Programme: Quiz

The quiz programme conducted on World Water Day served as an engaging and educational platform to raise awareness about water-related issues and celebrate the importance of water conservation. The event aimed to inform and inspire participants to actively contribute to the global effort of safeguarding this precious resource. The quiz followed a structured format with questions covering a broad spectrum of topics related to water, including its importance, global water challenges, sustainable water management, and the impact of human activities on water resources.

### Software skill training and site practices



Topic: Software skill trainings and site practices

Date: 18/04/2022

Venue: A3201 CE classroom

Speaker: Mohammed Sajin Shahudeen, Technical Director, ARCITE INSTITUTE

The technical talk conducted by Mohammed Sajin Shahudeen on the topic of "Software Skill Trainings and Site Practices" provided participants with valuable insights into the intersection of software skills and on-site practices in the field of engineering and construction. The session aimed to bridge the gap between theoretical software knowledge and its practical application in construction site scenarios. The talk addressed common challenges encountered when implementing software tools on construction sites. Mohammed Sajin Shahudeen provided insights into overcoming these challenges, including issues related to training, integration with existing systems, and adapting to changing project requirements.

#### Quiz-A-Bizz



Programme: Quiz A Bizz Date: 20/04/2022 Venue: Civil seminar hall

Type of Programme: Quiz (Based on transportation Engineering)

The Transportation Engineering Technical Quiz, conducted to test participants' knowledge in the field of transportation and traffic engineering, aimed to assess their understanding of key concepts, principles, and best practices in the domain. The quiz comprised ten questions covering various aspects of transportation engineering, including traffic management, road design, and intelligent transportation systems. Participants were presented with multiple-choice questions, each designed to evaluate their comprehension of fundamental and advanced topics in the field.

#### **Blaze Guard**



Programme: Blazeguard

Date: 04/05/2022

Venue: Civil Software Lab

Type of Programme: Digital poster making competition

The Digital Poster Making Competition on Fire and Safety Awareness served as a creative and engaging platform to encourage participants to visually communicate essential information about fire safety. The competition aimed to raise awareness, foster creativity, and promote a culture of safety within the community. Participants were tasked with creating digital posters that effectively conveyed key messages related to fire prevention, safety measures, and emergency response. The competition embraced a virtual format, allowing participants to showcase their artistic and design skills while addressing critical aspects of fire and safety awareness.

#### **Eco-Lution**



Programme: Eco - Lution

Date: 06/06/2022

Venue: Civil Seminar Hall

Type of Programme: Tech Quiz (As a part of environmental day)

The Tech Quiz conducted on June 6th in celebration of World Environment Day served as an engaging and educational platform to raise awareness about environmental issues and sustainability. The quiz aimed to test participants' knowledge of technology-related solutions and innovations addressing environmental challenges. The quiz comprised multiple-choice questions focusing on the intersection of technology and the environment. Questions ranged from renewable energy solutions and eco-friendly technologies to environmental policies and conservation efforts

#### **Epistle Express**



Programme: Epistle- Express

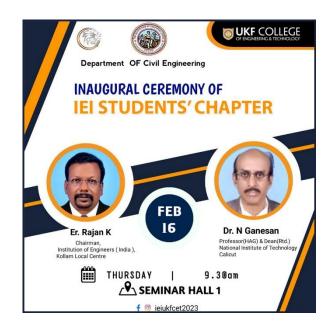
Date: 05/09/2022

Venue: Civil Seminar Hall

Type of Programme: Letter writing competition

The Letter Writing Competition held as part of Teachers' Day celebrations was a heartfelt tribute to the dedicated educators who play a pivotal role in shaping the lives of students. The competition aimed to provide students with a platform to express their gratitude, admiration, and appreciation for their teachers through the art of letter writing. Participants were tasked with crafting letters expressing their thoughts, emotions, and memories related to their teachers. Participants engaged passionately in the writing process, with many expressing how the competition provided a meaningful opportunity to reflect on the positive influence of their teachers

# Recent technologies in repair and rehabilitation of buildings



Topic: Recent technologies in repair and rehabilitation of buildings

Date: 16/02/2023

Venue: Seminar Hall 1

Speaker: Dr N Ganeshan, Professor & Dean, NIT Calicut

Dr. Ganeshan officially inaugurated the student chapter, emphasizing the role it plays in fostering academic and professional development among engineering students. Followed by a technical talk on "Recent Technologies in Repair and Rehabilitation of Buildings" which served as a captivating and informative session, marking the inauguration of the IEI (Institution of Engineers India) student chapter. The talk aimed to introduce students to cutting-edge technologies in the field of building repair and rehabilitation. The session not only provided valuable insights into advancements in the field but also set a positive tone for the activities of the newly inaugurated IEI student chapter. Dr. Ganeshan's expertise and the interactive nature of the session contributed to a dynamic learning experience for the participants.

#### You have got Talent



Programme: You've got a Talent

Date: 05/05/2023

Venue: Melo-fuse stage

Type of Programme: Spot choreography (As a part of EKTA 2023)

The Spot Choreography Event, held as a part of EKTA 2023, was a vibrant and energetic platform that brought together participants to showcase their spontaneous creativity and choreographic skills. The event aimed to provide a dynamic space for participants to express themselves through dance while embracing the challenge of creating choreography on the spot. The Spot Choreography Event was structured to allow participants to create and perform choreography spontaneously, often in response to given themes, music, or prompts. The event incorporated a mix of solo and group performances, adding diversity to the choreographic expressions.

#### **Mind Maze**



Programme: Mind Maze

Date: 05/05/2023

Venue: Civil Seminar Hall

Type of Programme: Technical quiz (As a part of EKTA 2023)

The quiz consisted of multiple rounds, each focusing on different facets of civil engineering, including structural engineering, construction management, geotechnical engineering, environmental engineering, and more. The structure ensured a comprehensive coverage of the diverse fields within civil engineering.

#### The Bridge



Programme: The Bridge

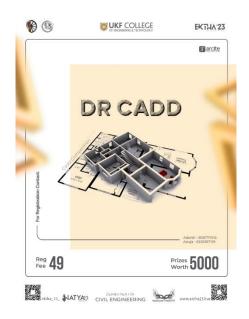
Date: 05/05/2023

Venue: A3203, CE classroom

Type of Programme: Bridge making competition (As a part of EKTA 2023)

The Bridge Making Competition conducted as a part of EKTA 2023 was an exciting and handson engineering challenge where participants were tasked with designing and constructing bridges using ICERAM sticks. The primary objective of the competition was to test participants' structural engineering skills and creativity in crafting the most stable and loadbearing bridge. Once the construction phase was complete, each bridge underwent a loadbearing test. The bridges were subjected to incremental loads until failure occurred. The load at which a bridge failed was recorded, and the stability and load-bearing capacity were assessed based on this data.

#### **DR CADD**



#### Programme: DR CADD

Date: 05/05/2023

Venue: Civil software lab

Type of Programme: Drafting(As a part of EKTA 2023)

The CADD House Reproduction Competition, was a challenging and skill-testing event that required participants to reproduce a given house plan using Computer-Aided Design and Drafting (CADD) software. The competition aimed to assess the participants' proficiency in CAD software, precision in reproducing architectural plans, and attention to detail. The competition was structured to allow participants to showcase their CAD skills by replicating a provided house plan. Each participant or team received a detailed set of architectural drawings, including floor plans, elevations, and sections, which they were tasked with replicating accurately using CAD software

#### Worshop for STAAD

The five-day workshop aimed to provide in-depth training on Structural Analysis and Design using STADD (Structural Analysis and Design Software). The comprehensive program covered a range of topics to enhance the participants' skills and proficiency in utilizing the software for structural engineering. The workshop commenced with an in-depth exploration of STADD, elucidating its applications and fundamental concepts of structural analysis. Participants engaged in hands-on exercises, gaining practical experience in model creation and analysis. The final day also featured a certification ceremony, recognizing the achievements of the participants, and a Q&A session for any remaining queries. Feedback from participants was overwhelmingly positive, praising the workshop's structure, hands-on approach, and the relevance of the content to real-world engineering challenges. Suggestions for future workshops included incorporating additional case studies and enhancing interactive sessions. The positive feedback underscores the workshop's effectiveness in delivering practical skills for structural analysis and design.

### **Carrer after Civil Engineering**



Topic: Carrer after civil Engineering

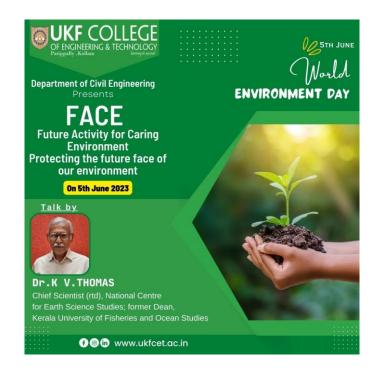
Date: 18/05/2023

Venue: A3201 CE classroom

Speaker: Mr Kishore, CAD point Kollam

The technical talk on "Career After Civil Engineering" by Mr. Kishore provided valuable insights and guidance to students pursuing civil engineering, shedding light on the diverse career opportunities and paths available in the field. The talk aimed to empower students with knowledge about potential career trajectories and the skills required for success in the professional world Participants expressed gratitude for the informative and relevant content shared by Mr. Kishore. The talk was well-received for its practical advice, real-world perspectives, and the encouragement it provided to aspiring civil engineers. Feedback will be considered for future career-oriented sessions to continue guiding students in their professional development.

# Future activity for caring environment for protecting the future face of our environment



Topic: Future activity for caring environment for protecting the future face of our environment

Date: 5/06/2023

Venue: Seminar hall 1

Speaker: Dr K.V Thomas, Chief Scientist, National Centre for Earth Science Studies.

The technical talk on "Future Activities for Caring Environment," delivered by Dr. K.V. Thomas, was a thought-provoking and enlightening session focused on sustainable practices and proactive measures to protect the future face of our environment. The talk aimed to inspire the audience to take meaningful actions for environmental conservation and foster a sense of responsibility towards the planet. The presentation was followed by an engaging interactive session where participants had the opportunity to ask questions, share insights, and discuss practical ways to implement environmental conservation measures in their daily lives.

#### **Epistle Express- Season 2**



Programme: Epistle- Express

Date: 05/09/2023

Venue: Civil Seminar Hall

Type of Programme: Letter writing competition

The Letter Writing Competition held as part of Teachers' Day celebrations was a heartfelt tribute to the dedicated educators who play a pivotal role in shaping the lives of students. The competition aimed to provide students with a platform to express their gratitude, admiration, and appreciation for their teachers through the art of letter writing. Participants were tasked with crafting letters expressing their thoughts, emotions, and memories related to their teachers. Participants engaged passionately in the writing process, with many expressing how the competition provided a meaningful opportunity to reflect on the positive influence of their teachers

### **Geotechnical Engineering Practices**



Topic: Geotechnical Engineering Practices Date: 15/09/2023 Venue: Civil Seminar Hall Speaker: Dr Greeshma Nizy Eujine

The technical talk on "Geotechnical Engineering Practices" provided an in-depth exploration of the principles, methodologies, and challenges within the field of geotechnical engineering. The session aimed to enhance the understanding of geotechnical practices among participants, covering key concepts, applications, and real-world examples. The talk included case studies and practical examples to illustrate how geotechnical engineering principles are applied in realworld projects. Participants gained insights into the decision-making process, problem-solving strategies, and the importance of adapting practices to site-specific conditions.

#### **Paper Chase**



Programme: Paper Chase

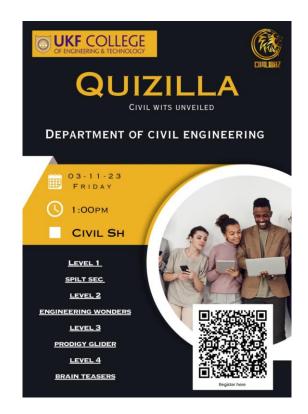
Date: 03/11/2023

Venue: Civil Seminar Hall (Starting point)

Type of Programme: Treasure hunt

The Treasure Hunt Program, held at [Insert Venue], was a dynamic and engaging event designed to foster teamwork, problem-solving, and a spirit of adventure among participants. The program aimed to provide a unique and enjoyable experience while promoting collaboration and creative thinking. The Treasure Hunt Program was structured as an indoor adventure where participants, divided into teams, embarked on a quest to discover hidden treasures. The program incorporated a series of clues, challenges, and puzzles that led participants through different locations within the designated area.

### Quizilla:Civil wits unveiled



Programme: Quizilla: Civil wits unveiled

Date: 03/11/2023

Venue: Civil Seminar Hall

#### Type of Programme: Tech quiz

The Technical Quiz was an intellectually stimulating and competitive event that tested participants' knowledge across a spectrum of technical subjects. The quiz aimed to challenge and engage participants in various disciplines while fostering a spirit of healthy competition. The quiz was structured with multiple rounds covering diverse technical topics. Each round featured questions of varying difficulty levels, ensuring a fair and challenging experience for participants. The format included a mix of multiple-choice questions and visual-based questions