

Highlights of CES Activities – 2024

The Civil Engineering Society (CES) Annual General Meeting 2023/2024 was held on 13th November 2023 at 4.00 pm onward at EOE Pereira Theatre. The outgoing President Prof. K.K. Wijesundara welcomed the gathering to the AGM. He briefed the activities carried out by the society during the past year and thanked the sub-committee members and others for the support extended in organizing and carrying out various activities. After that, the Head, Department of Civil Engineering Prof. J.J. Wijetunge addressed the gathering and thanked the outgoing committee for the activities conducted during the past year. New Executive Committee of the CES for the term 2023/2024 was appointed as below.



01.CES Annual Cricket Encounter 2023

The Annual CES Cricket Encounter 2023, organized by the Civil Engineering Society, took place on November 25th, 2023, at the university grounds from 8 a.m. onwards. This exciting event brought together students and staff in a friendly yet competitive atmosphere, fostering team spirit and camaraderie.

A total of 13 teams participated in the tournament, with each batch (E17, E18, E19, and E20) contributing three teams each, along with a staff team. The event was a great platform to strengthen student-staff relationships, promote sportsmanship, and encourage active participation beyond academics. Players displayed their skills in batting, bowling, and fielding, making the encounter a thrilling and unforgettable experience for all.

This annual tradition continues to highlight the diverse talents of Civil Engineering students while reinforcing the idea that engineering is not just about buildings, bridges, and tunnels, but also about teamwork, perseverance, and passion.







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CES Annual Cricket Encounter 2023
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2. CES Talk # 1– *Knowledge Exchange Beyond Horizons*

The first CES Talk for the year 2023/2024, held on December 14th, 2023, was an insightful seminar aimed at broadening the perspectives of civil engineering undergraduates on global opportunities. This session featured Dr. Chanaka Abeysinghe, an esteemed Engineering Design Manager at Infrastructure Products Australia and President of the Institution of Engineers Sri Lanka Queensland Chapter Inc.

Dr. Abeysinghe delivered an engaging talk on "Australian Civil Engineering Viewpoint and Potential for Sri Lankan Graduates," shedding light on the latest trends, career pathways, and opportunities in Australia. His expertise and industry experience provided valuable guidance for students aspiring to explore international career prospects.

The event, held at Seminar Room 01, witnessed an overwhelming participation of civil engineering undergraduates, faculty members, and CES representatives. The enthusiasm of the attendees, along with their interactive engagement and thought-provoking questions, made the session a remarkable success.

A special thanks to Dr. Abeysinghe for his time and dedication, and to all the students and faculty members who contributed to making this event an inspiring and informative experience.

CES Talk Series

Australian Civil/Structural Engineering Viewpoint and Potentials for Sri Lankan Graduates



14th December 2023



From 5.00 p.m. onwards



Seminar Room 01

Organized By:



CIVIL ENGINEERING SOCIETY
UNIVERSITY OF PERADENIYA



Dr. Chanaka Abeysinghe

(PhD, CPEng, NER, RPEO, PE-VIC and PE-NT)

- Engineering Design Manager
– Infrastructure Product
Australia
- President – The Institution of
Engineers Sri Lanka
Queensland Chapter



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"Australian Civil Engineering viewpoint and Potential for
Sri Lankan Graduates" – CES Talk Series
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3. E/20 Field Visit to Ancient Civil Engineering Wonders – Anuradhapura

Field Visit targeting E/20 batch was organized under the Evolucionar 2.0 program by the CES, was successfully conducted on January 20th, 2024. This remarkable educational excursion provided E/20 students with a unique opportunity to explore and analyze ancient Sri Lankan civil engineering marvels in Anuradhapura.

The visit covered some of the most iconic engineering structures of ancient Sri Lanka, including:

- ◆ Abhayagiriya
- ◆ Jethawanaramaya
- ◆ Western Monastery Complex - 1
- ◆ Stone Bridge - Mahakanadarawa

Through this immersive experience, students gained valuable insights into structural analysis and design. They were divided into groups and assigned tasks to collect relevant engineering data from these historic sites. The next phase of the program will involve analyzing the collected data and presenting their findings, enhancing their understanding of ancient construction techniques and their relevance to modern civil engineering.

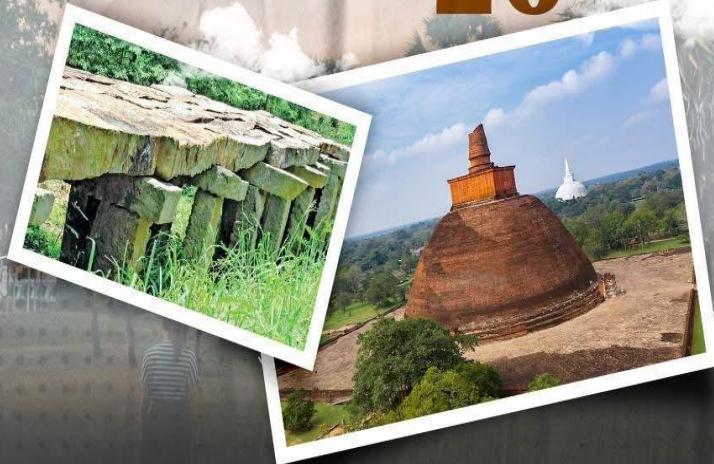
This field visit was an eye-opening experience, bridging the gap between historical ingenuity and contemporary engineering principles, while inspiring future civil engineers with the brilliance of ancient Sri Lankan architecture.



It's **Time** to **CES FIELD VISIT**

Explore the wonder in ancient engineering

JANUARY
20



CIVIL ENGINEERING SOCIETY
FACULTY OF ENGINEERING | UNIVERSITY OF PERADENIYA





4. CES Talk #2– Academic and Industrial Opportunities in Japan

As part of the CES Talk Series, an insightful session on "Academic and Industrial Opportunities in Japan" was held on March 27th, 2024, from 5 p.m. onwards at Seminar Room 1. This event brought together aspiring civil engineers eager to explore global academic and career prospects.

The session featured two distinguished speakers from Ehime University, Japan:

Professor Netra Prakash Bhandary, Director of the Center for Disaster Management Informatics Research, provided an overview of the collaborative initiatives between Ehime University and the University of Peradeniya, emphasizing exciting future engagements and academic pathways for Sri Lankan students.

Assistant Professor Toru Futagami, Deputy Director of the Center for Disaster Management Informatics Research, shared cutting-edge insights on disaster prevention efforts at Ehime University, highlighting innovative risk mitigation and resilience strategies.

The event was a fantastic opportunity for students to explore research collaborations, scholarships, and industrial prospects in Japan. Participants engaged actively, gaining firsthand knowledge from experts and expanding their professional aspirations beyond borders.

A heartfelt thanks to our guest speakers for their invaluable insights, and to all attendees for making this session a memorable and intellectually enriching experience.

CES Talk Series

Academic and Industrial Opportunities in Japan



27th March 2024



From 5:00 p.m. Onwards



Seminar Room 01

Resource Persons



Prof. Netra Prakash Bhandary
Director
Center for Disaster Management
Informatics Research
Ehime University



A/Prof. Toru Futagami
Deputy Director
Center for Disaster Management
Informatics Research
Ehime University



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5. Mock Interview Session for E/18 – Shaping Tomorrow, One Step at a Time


CES in collaboration with the IESL Young Member Section, Kandurata Chapter, Wayamba Chapter, and the IESL Students Chapter, successfully organized a mock interview session aimed at equipping E/18 students with the skills and confidence needed to excel in their professional careers.

This session provided participants with firsthand experience in facing real-world interview scenarios, guided by industry experts. Key takeaways from the event included:

- ◆ Essential interview techniques to navigate technical and HR rounds effectively.
- ◆ Practical experience in answering challenging questions with confidence.
- ◆ Valuable insights and feedback from seasoned professionals in the civil engineering field.

This initiative was a stepping stone for students to stand out in the competitive job market, helping them prepare for career opportunities and secure their dream jobs.

A huge thank you to our industry mentors for their guidance and to all participants for their enthusiasm and dedication. CES remains committed to paving the way for the next generation of civil engineers.



Mock Interview

Organized by Civil Engineering Society
Collaborating with
IESL Young Member Section
IESL Kandurata Chapter
IESL Wayamba Chapter
IESL Students Chapter University of Peradeniya

31/08/2024
09:00 am Onwards
At Civil Engineering Department,
University of Peradeniya







MOCK INTERVIEW SESSION FOR E/18 CIVIL ENGINEERING UNDERGRADUATES
Organized by Civil Engineering Society Collaborating with IESL Young Member Section, IESL Kandurata Chapter, IESL Wayamba Chapter, IESL Students Chapter University of Peradeniya



MOCK INTERVIEW SESSION FOR E/18 CIVIL ENGINEERING UNDERGRADUATES
Organized by Civil Engineering Society Collaborating with IESL Young Member Section, IESL Kandurata Chapter, IESL Wayamba Chapter, IESL Students Chapter University of Peradeniya



MOCK INTERVIEW SESSION FOR E/18 CIVIL ENGINEERING UNDERGRADUATES
Organized by Civil Engineering Society Collaborating with IESL Young Member Section, IESL Kandurata Chapter, IESL Wayamba Chapter, IESL Students Chapter University of Peradeniya



6. Convening a Conference with Alumni Residing Overseas

CES hosted a conference on 26th and 27th September 2024 to address the challenges faced by young engineers due to the current economic crisis in Sri Lanka, which has limited job opportunities in the construction industry. The conference will connect overseas alumni with current students to explore global career opportunities and higher education prospects.

The event spanned over two days:

- Day 1: Alumni from Australia, New Zealand, and Japan
- Day 2: Alumni from the UK, Europe, and the Middle East

The conference covered two main topics:

1. Job Opportunities and Career Enhancement
2. Higher Studies Opportunities and Research Collaborations

Each region presented talks on these topics, fostering a platform for alumni to share career opportunities directly with students. The conference hosted via Zoom, with a dedicated web page created for the event (thanks to Dr. Panduka), enabling continuous interaction and information sharing.

Special thanks to Head Prof. J.J. Wijetunge, Prof. K.K. Wijesundara, CES President Dr. S.S. Dharmarathna, and the organizing committee for their support in enhancing career opportunities for civil engineering graduates.



Invitation

Department of Civil Engineering,
Faculty of Engineering - University of Peradeniya
Cordially Invite Alums
to the
Conference Meeting on

**'BRIDGING THE GAPS -
EXPANDING THE OPPORTUNITIES FOR CIVIL
ENGINEERING FRESH GRADUATES'**

On 26th SEPTEMBER 2024

9.00 a.m. to 1.00 p.m.
(Sri Lankan Time)

via ZOOM

https://bit.ly/confmeeting_day01

MEETING ID 957 7817 7181

PASSCODE qc%vm?W5



Organized By:
Committee-Enhancing Career Opportunities
for Civil Engineering Graduates
with Civil Engineering Society, UoP



Invitation

Department of Civil Engineering,
Faculty of Engineering - University of Peradeniya
Cordially Invite Alums
to the
Conference Meeting on

**'BRIDGING THE GAPS -
EXPANDING THE OPPORTUNITIES FOR CIVIL
ENGINEERING FRESH GRADUATES'**

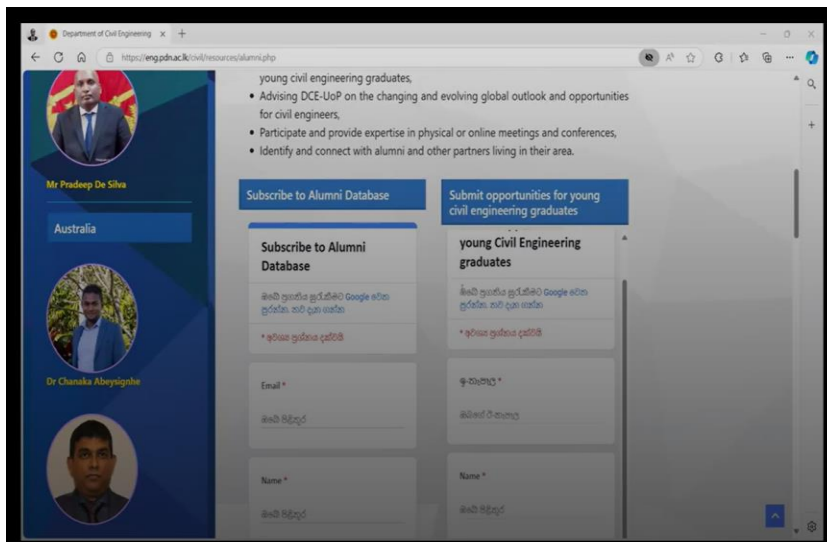
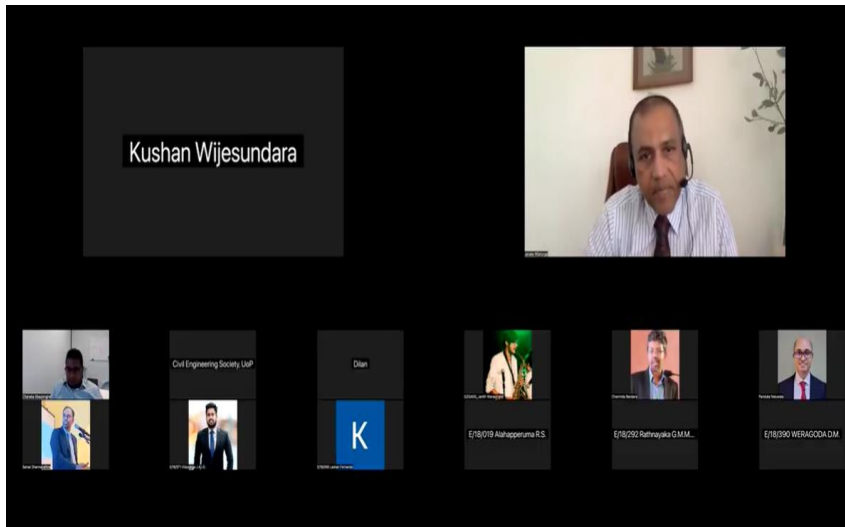
On 27th SEPTEMBER 2024
2.30 p.m. to 6.30 p.m.
(Sri Lankan Time)

via ZOOM
https://bit.ly/confmeeting_day02
MEETING ID 936 0682 5623
PASSCODE K#tC6MR9



Organized By:
Committee-Enhancing Career Opportunities
for Civil Engineering Graduates
with Civil Engineering Society, UoP









7. CES Talk #3 – Design and Construction Methods of Bridges

CES Talk Series continued with an insightful session on "Design and Construction Methods of Bridges", conducted by Eng. Ahmed Marsuik, a distinguished past alumnus of the University of Peradeniya. The session was held on December 5, 2024, at Seminar Room 1, bringing together students eager to deepen their knowledge of bridge engineering.

The talk covered key aspects of modern bridge design and construction, including:

- ◆ Design of post-tensioned bridges – Fundamentals, applications, and structural advantages.
- ◆ Design and construction of post-tensioned box girder bridges built using the balance cantilever method – A technique widely used for long-span bridges.
- ◆ Gantry erection of steel plate girders – Design principles and construction methodology.

Eng. Ahmed Marsuik shared his expertise and industry experience, offering practical insights into bridge engineering challenges and innovations. The session provided students with a real-world perspective, bridging the gap between theoretical knowledge and practical applications.

A huge thank you to Eng. Marsuik for his valuable contributions, and to all participants for their enthusiastic engagement.



CES Talk Series

Area of discussion:

Design of Post tensioned Bridges
Design & construction of Post tensioned
concrete Box girder bridges build by balance
cantilever method and Gantry Erection
Steel Plate girder design
Chartered Membersip Exam - MStructE -
Institution of Structural Engineers



Eng.Ahmed Marsuik



5th December



From 5.00 p.m. to 6.00 p.m.



Seminar Room 01

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