



Society of Nepalese Engineers in UK

Registered UK Charity no. 1177501

10th SONEUK Conference on Science, Engineering and Technology

Saturday 28th June 2025,
Maddingley Hall, Cambridge, CB23 8AQ

Programme

Inaugural/Opening session (09:00 – 10:50)

Session Chair: Subodh Timilsina, Chairperson, SONEUK

09:00 – 09:30 Registration and Networking

Master of Ceremony: Er Sangita Pokharel, Secretary, SONEUK

09:30 – 09:35 Master of Ceremony \Starts Session

09:35 – 09:40 Welcome Note

Er Manoj Pun, General Secretary, SONEUK

09:40 – 09:55 Introduction to the Conference

Dr Deepak GC, Coordinator, SONEUK Conference Committee

09:55 – 10:10 Inauguration/Opening, proceeding unveiling and speech

HE Chandra Kumar Ghimire, Nepalese Ambassador to the UK

10:10 – 10:20 Guest Speaker, **Er Subash Chandra Baral**,

President, Nepal Engineers' Association (NEA, Nepal)

10:20 – 10:30 Guest Speaker, **Er Kul Mani Acharya**,

Past President, American Society of Nepalese Engineers (ASNEgr), USA

10:30 – 10:40 Guest Speaker 3, **TBC**

(TBC)

10:40 – 10:50 Closing of Inaugural Session/Vote of Thanks.

Subodh Timilsina, Chairperson, SONEUK

10:50 – 11:15

Tea/Coffee Break

Technical Session 1 (11:15 – 13:30)

Session Chair: Deepak GC, Coordinator, Conference Sub-Committee, SONEUK

11:15 – 11:30 Introduction to **Technical Session 1**

11:30 – 12:15 Keynote Speaker – **Er Tim Peet**, Director, Integrated Project Delivery, Major Projects, **WSP**

Title: “Brilliant engineering and WSPs journey to be the premier Rails Station Designer in the UK and globally”.

12:15 – 12:30 Q&A

12:30 – 13:00 Paper presentation 1 - Er Sanyukta Shrestha, Bally's Interactive, London, UK

Title: Challenges in Machine Translation of Nepalbhasa



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13:00 – 14:00: LUNCH BREAK and POSTERS SESSION

Technical Session 1 Contd....

14:00 – 14:30 Paper presentation 2 – Er Hari Krishna Neupane, University of Hull, Cottingham Rd, Hull HU6 7RX, Hull

Title: **Developing a Responsible AI Framework for Healthcare in low resource countries. Case Study: Nepal and Ghana**

14:30 – 15:00 Paper presentation 3 – Dr Binod Amatya, Associate Technical Director, RSK Geosciences, RSK, London.

Title: **Framework of metro rail development in the greater Kathmandu Valley, Nepal**

15:00 – 15:30 Paper presentation 4 – Er Prabhav Regmi, Avionics Design Engineer, Babcock International, Gloucestershire Airport

Title: **Design of Unmanned Aerial system for RF source localization**

15:30 – 16:00: Tea/Coffee Break

Technical session 2 (16:00 – 17:15)

Session Chair: Dr Rishi Parajuli,

16:00 – 16:15: Introduction to Technical Session 2

16:15 – 16:45: Paper presentation 5 – Dr Ramesh Marasini, Senior Engineering Lead, University Centre Newbury, UK.

Title: **Review of the developments in Visualisation Tools in Project Management in Construction Industry: Bridging the gap between the technology and its implementation.**

16:45 – 17:15: Paper presentation 6 – Er Nirdesh Khatiwada, Project Planner, PMPS Consulting Limited, United Kingdom

Title: **Synergistic Effects of Mechanochemical Activation and Limestone on Hydration Mechanisms in LC3: A review.**

Video Presentations:

Presentation 7- Er Rabin Gurung, Tunnel Facility Engineer, Kandenko Co. Ltd, Basundol, Kathmandu, Nepal

Title: **Ventilation System in Road Tunnel of Nepal.**



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Presentation 8 – Ram Chandra Tiwari, Assistant Professor, Department of Civil Engineering, Pulchowk Campus, Institute of engineering, Tribhuvan University, Nepal.

Title: Kathmandu Metro-Induced Ground Vibrations and Attenuation.

Poster Presentations:

Presentation 9- Er Manoj Kapri, Project Planner, PMPS Consulting Limited, United Kingdom.

Title: Examining the Socio-Economic Consequences of the Budhigandaki Hydropower Project, Insights from Khari and Chainpur Villages in Dhading District.

Presentation 10 – Srijana Khadka, Project Planner, PMPS Consulting Limited, UK.

Title: AI in Construction Project Management.

17:15 – 17:45 CLOSING SESSION

17:15 – 17:30 Summary Outcome of Technical Sessions 1 and 2 by **Deepak GC**, Coordinator, Conference Sub-Committee, SONEUK.

17:30 – 17:45 Vote of Thanks and Closing Remarks by Chairperson **Er Subodh Timilsina**

19:30 – 21:30: “Dinner” in honour of Foreign Delegates & Guests

19:30 – 21:30 Dinner in honour of Foreign Delegates and Guests (venue TBC @ Cambridge)

Note: SONEUK members are encouraged to attend this networking session on self-contribution basis)
