

nec Ingenium 2025

Event	“One World: One Solution” Science and engineering exhibition in the context of Nepal.
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Main Event Date	03 July, 2025
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Objectives
To solve real-life problems with simple, local and sustainable solutions.

Participation	Themes
<ul style="list-style-type: none">• Team size 2-3 members.• Open to 1st and 2nd year under graduate students.• The team must register online for participation.	Participants can choose one topic out of 7 hidden topics: <ol style="list-style-type: none">1. Plastic waste management in urban areas.2. Drone-based medicine delivery in remote Nepal.3. Safe drinking water in rural hills.4. Smart irrigation system for Terai farmers.5. Earthquake -resistant modular homes.6. Smart traffic light system for Kathmandu.7. Digital literacy and remote education platform.

Allowed tools	Format
<ul style="list-style-type: none">• Projector• Pen and A4 size paper	<ul style="list-style-type: none">• Participants must bring their own laptop.• Presentation: (3-5 minutes) and Q&A (2 minutes)• 30 minutes in each group<ul style="list-style-type: none">➤ Identify problems➤ Identify scientific concept➤ Identify engineering solution• Finish all slides and analysis on the topic within 30 minutes without using the internet.
Judging Panel Composition	
<ul style="list-style-type: none">• Subject Matter Experts: Professionals with expertise in relevant scientific fields• Educators: Teachers can assess the educational value and clarify of the presentations.	

