-A Multi-GNSS Asia Programme-

RPD CHALLENGE

2024

SOLUTIONS FOR NATURAL HAZZARDS

Co-organised by

MGA GISTDA Cabinet Office

	Open registration	**Deadline** **23rd Dec. 2024**	Free Registration on RPD Website: https://www.rpdchallenge.com
	Online Live Lectures	**Dec. 2024**	• Tutorial Session: Course Introduction • Online Lectures: QZSS, GNSS devices etc…
	Ideathon & Hackathon	**Jan. & Feb. 2025**	Ideathon: • Define Scenario and Ideas Creation • Project Planning and System Design Hackathon: • Prototype Development • EWSS Sample Command Testing • Trouble Shooting Final Pitch Presentation
	Final Pitch	**Mar. 2025**	

MGA RPD CHALLENGE 2024

GENERAL INFORMATION

What is the RPD Challenge?

The Rapid Prototype Development (RPD) Challenge is a hands-on Hackathon where teams will create a prototype with limited resources. Mentors will give valuable guidance and encourage participants to squeeze their brains to tackle real-life issues through creative solutions.

10 teams (max) will be able to participate. Join either as a Team or as an individual!

QUALIFICATION

Undergraduate, Graduate Students, Researchers, Industry,Policy and Decision Makers from Asia and Oceania Regions.

REGISTRATION

Register from the link below:
https://www.rpdchallenge.com
For any inquiries, contact secretariat@multignss.asia

BRING YOUR IDEAS TO LIFE

- THE STEPS

1. **IDENTIFY ISSUES**
2. **DESIGN CONCEPT**
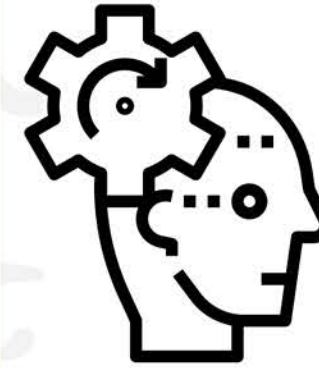3. **DESIGN SYSTEM**
4. **ASSEMBLE & DEMO**

IDEA CREATION

IDENTIFY ISSUES

1 What are potential issues arising from social issues, and what infrastructure already exists?
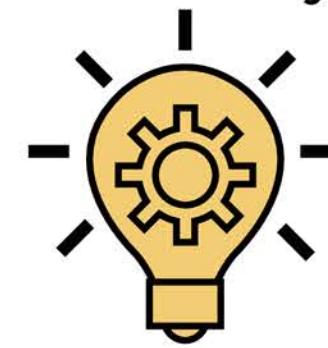
DESIGN CONCEPT

2 Work with your team and mentors and design your concept.

PROTOTYPE CREATION

DESIGN SYSTEM

3 How can you realise your concept? Think of your device options and design your system.

ASSEMBLE & DEMO

4 Assemble the devices and make improvements through tests & demos!