



# National Space Imaging Payload Competition

## High-Resolution CubeSat Camera Lens Design Challenge

Show your simulation skills and innovative design ideas to win Malaysia's very first "National Space Imaging Payload Competition". The competition is open to all universities, research institutes, and commercial organizations registered in Malaysia. Exciting prizes are up for grabs. Get your team together today. More details overleaf.



Event Page

**FREE Registration**

**Winner – RM 1500 Cash Prize & Trophy**

**Runners up – RM 1000 Cash Prize & Trophy**

**3rd Place – RM 500 Cash Prize & Trophy**



### Competition Flow

General Briefing (online)	15 October 2024	Watch on <a href="#">event page</a>
Registration (FREE) + Entrance Survey	16 Oct -18 Nov 2024	Apply from <a href="#">event page</a>
MDR Briefing (online)		Details to be announced
Competition	20 Nov 2024 – 16 Jan 2025	
Final Presentation & Awards Ceremony (in-person) at Malaysia Space Agency, Kuala Lumpur	16 January 2025	Details to be announced

Simulated With

**Ansys**

All participating team members will receive access to industry standard CAE software licenses required for optics design, simulation, and optimization (for the duration of the competition), basic training, and on-demand consultation sessions with certified Optical Application Engineers.

**CYBERNET**

**Ansys**  
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**Inquiries:**

Jim Pong  
+60 16 926 2897  
[jpng@cybernet.asia](mailto:jpng@cybernet.asia)

+60(3) 2201 1221  
[information@cybernet.asia](mailto:information@cybernet.asia)





## The challenge

- Design a high-resolution camera lens for CubeSat.



## Team composition

- Academic: Three students + One Lecturer
- Commercial: Team of two



## Why join?

- Gain hands-on experience in optics design.
- Explore opportunities in the Space industry.
- Connect with professionals to showcase your talents and skills.
- Extensive media coverage for your work.



## What you need to bring

- BYOD – Minimum hardware specifications.
  - OS: 64 bit, 8cores
  - RAM: 16GB
  - ROM: 500GB
  - GPU: DirectX 11 support, 512MB VRAM
- Your passion for space technology, and innovative thinking.



## Sponsorships

- Become a sponsor of this exclusive initiative to enjoy an array of benefits throughout the event. Check the [event page](#) for more details or contact us directly.



## Terms & Conditions

- Attending the initial briefing is compulsory for all team members.
- All finalists must present their solutions in-person at the awards ceremony.
- CYBERNET Malaysia reserves the right to use any and all solution materials submitted by participants, for their marketing and promotional activities.
- CYBERNET Malaysia may share information with its collaborating partners and sponsors of this competition, including but not limited to UiTM, MYSA, and their affiliates.
- Organizers decision is final.

### Sponsorships & Marketing:

Chandima Uyanage  
+81 80 2152 0385  
[chandima@cybernet.co.jp](mailto:chandima@cybernet.co.jp)