



Department of Computer Engineering
Faculty of Engineering
University of Peradeniya

Project Title : Request for Funding - **PEFAA Open Lab at University of Peradeniya**

Location : Department of Computer Engineering, (<http://www.ce.pdn.ac.lk>)
Faculty of Engineering, University of Peradeniya (<http://www.pdn.ac.lk>)

Preamble :

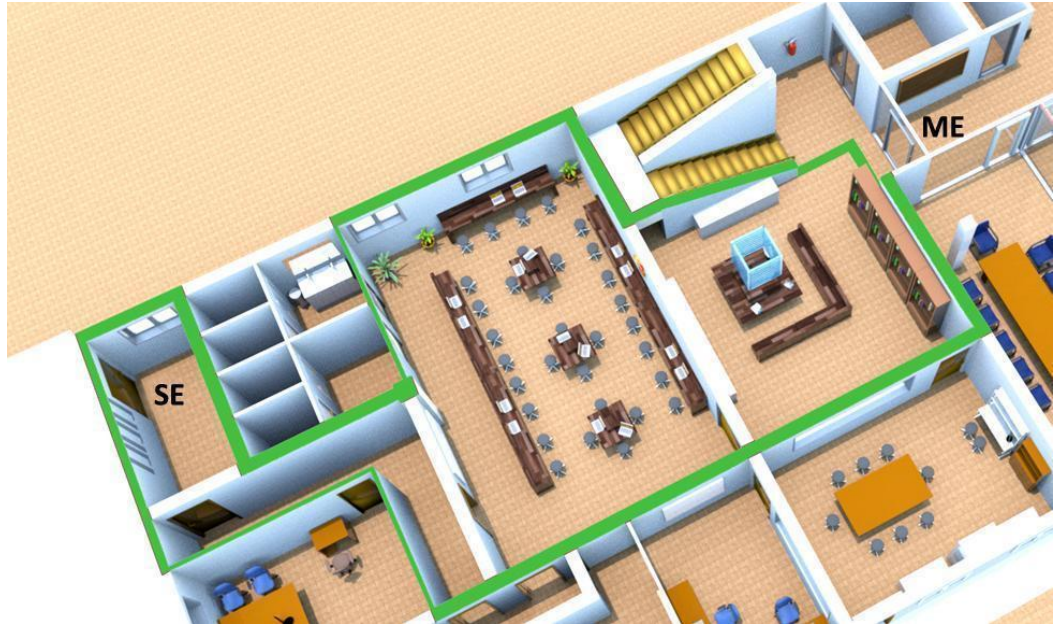
The Department of Computer Engineering at the University of Peradeniya is currently undergoing an expansion process. A new five-storey building extension has been added along with an increased student intake, and the existing spaces are planned to be restructured and renovated. A major component of the proposed restructuring plan is providing the students with an open working lounge area accessible day and night. To this end, we, **the Department of Computer Engineering, request the generous support of PEFAA in implementing the proposed Open Lab.**

Description :

As part of the student intake increase and ongoing infrastructure development in the Faculty of Engineering at the University of Peradeniya, the Department of Computer Engineering building has recently acquired a five-storey building extension. Consequently, we are restructuring the interior layout in order to add several new laboratories and research spaces. One of the most important new additions in the plan is an open working area for the students.

The key idea behind the concept of an open working area is to promote a collaborative working culture within the students and motivate curiosity-driven self-learning. Originated by the staff, the concept was enthusiastically received by the students. This Open Lab will be used by students for assigned or self-initiated project work, group discussions and tech talks.

We have already allocated space for this on the ground floor of the department building. In the model shown overleaf, the allocated area is marked with a green border. A secondary entrance/exit is marked with "SE", which is separate from the main entrance ("ME") of the building, in order to allow 24/7 access only to the Open Lab.



In order to maximise the utility, we intend to provide the following facilities in the proposed Open Lab:

- 24/7 key-card or fingerprint-based access
- Seating and desk spaces for approximately 30 to 40 students
- Power outlets built into the spaces
- Wireless internet connectivity
- Whiteboard with accessories
- Wireless projector
- Library and museum
- Interactive consoles with touchscreen
- Electronic displays for notices, students' achievements and advertisements

Branding opportunity within the lounge:

- Display the name and logo of the company in the Open Lab area
- A dynamic dedicated page in the electronic displays and interactive consoles to feature the latest news from the company
- A dedicated page on the department website to feature the Open Lab

Budget:

Following is an estimated budget for setting up the Open Lab. Wireless connectivity and library facilities will be provided using department resources. The layout and design shown above are only for illustration purposes. PEFAA may come up with a suitable design with branding incorporated, in consultation with the department.

Contacts:

**Prof
R. G.
Ragel**
(Head of

Item	Estimated Cost (Rs.)
Furniture (seating and desk spaces)	1,500,000
Built in power outlets and wiring	200,000
Whiteboards with accessories	100,000
Wireless projector	200,000
Interactive consoles with touchscreens (2 units)	300,000
Notice display screens (4 x 40" screens) with controller and enclosure	600,000
CCTV security camera system	200,000
Keycard/fingerprint access control system	300,000
Finishing (colour wash, wallpaper, floor, etc.)	600,000
Total estimated cost	4,000,000

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Department of Computer Engineering

Faculty of Engineering, University of Peradeniya