

Research Project Details for Graduate Research Assistant (GRA) Recruitment

Research Project Title

Advancing Brain-Computer Interface with Deep Learning Methods

Details of Primary Supervisor

1. Name: Assistant Professor Dr. Goh Sim Kuan
2. Department and University: School of Electrical Engineering and Artificial Intelligence
3. Email address: simkuan.goh@xmu.edu.my
4. Research interests: AI, Brain-Computer Interface (BCI), Neural Signals, EEG

Details of Research Project

1. Duration: 2 years
2. Monthly allowance: RM 2,000.00
3. Summary: The project focuses on developing deep learning models to enhance epilepsy diagnosis, treatment, and management.
4. Location: Xiamen University Malaysia, Selangor, Malaysia

GRA Requirements:

Number of Master places available: 2

1. Possesses bachelor's degree in related disciplines (Computing, Biomedical Engineering, Electrical Engineering) with a CGPA of 3.4/4.0 and above.
2. Candidate must enroll in Master's study in the research area at Xiamen University Malaysia (Master in New Energy Science and Engineering).
3. Strong interest and motivation in research.
4. Experience in bio-signal processing and machine/deep learning is a plus.
5. Strong programming skills (Python).
6. Good communication skills and proficiency in English.
7. Ability to work and interact well as part of a team.