



**Lee Kuan Yew  
Model Student  
Award**



**Nur Aqilah  
Binte Azman**

*Higher Nitec in  
Electrical Engineering  
ITE College East*

# Engineering a Shared Future

Determined to pave her own path, Aqilah pursued the Higher Nitec in Electrical Engineering course through the Direct Entry Scheme to Polytechnic Programme, recognising the field's potential for innovation and long-term impact. As the youngest in a family of ITE alumni, she embraced the opportunities at ITE with unwavering commitment, achieving a perfect GPA of 4.0 while balancing part-time work to support her education.

Passionate about sustainability and community service, she applied her engineering skills beyond the classroom. She led innovative projects such as a water-saving prototype for mosque ablution facilities under the HSBC NYAA ITE-SMEs Sustainability Initiative 2024 and developed a self-sustaining floating farm, which was showcased in a Channel NewsAsia documentary. Her ability to blend technical knowledge with real-world environmental solutions sets her apart as a forward-thinking changemaker.

Aqilah's leadership extends into competitions and global platforms. She guided her team to a Bronze Award at the SICK Sixth Sense 2023 competition with an innovative vibration-based soil moisture assessment tool for sustainable agriculture. Her social consciousness also drove her to create a wheelchair dolly for videographers with mobility disabilities, earning her team recognition at the VTC-ITE International Student Seminar 2023, in Hong Kong.

Beyond academics, Aqilah remains deeply involved in volunteerism, contributing to SG Green Day, Istana Open House events, and Pesta Sukan to promote community spirit and inclusivity. Recognised for her outstanding contributions, she is a recipient of the Rotary Club of Singapore West Bursary and the Lembaga Biasiswa Kenangan Maulud Award.

## From the Heart

*"My philosophy in life is simple: to give my best and uplift those around me. Every challenge I face is an opportunity to grow, and every project I work on is a step toward creating a more sustainable and inclusive future."*

## Life after ITE

Aqilah is enrolled in the Diploma in Biomedical Engineering at Ngee Ann Polytechnic. She hopes to pursue a degree in Biomedical Engineering eventually.

## Top Achievements

- Aqilah maintained a perfect GPA of 4.0, earning the Electrical Engineering Model Student Award 2024.
- She is a proud recipient of the Edusave Merit Bursary 2024.
- For her outstanding service and contributions in various areas, including arts and sports, environmental projects, and community involvement, Aqilah was awarded the Diamond Service Star Award 2024.