

ELECTRO MATTERS

January-March 2024

ASSOC. PROF IR. DR HASMAINI MOHAMAD

*Head of School of Electrical
Engineering*

WELCOME TO THE
SCHOOL OF
ELECTRICAL
ENGINEERING'S
inaugural newsletter



*“Excellence is not a
destination but a
journey we embark on
together, fueled by our
commitment to work
diligently and inspire
greatness in each
other”*

Foreword

It is with great pleasure to introduce the first edition of our newsletter. This letter serves as a platform to share insights, highlight achievements and activities among our students, school, staff, and alumni. I would like to extend my sincere thanks to those who have contributed to this newsletter. Thank you for your continued support and commitment to our school. Your hard work and dedication are truly inspiring, and I am confident that your efforts will continue to enrich our school for years to come. Great things are rarely achieved alone. Here, at School of Electrical Engineering, we understand that excellence thrives on a foundation of shared purpose, unwavering effort, and the strength of a team that lifts each other up. Together, we will continue to shape the future of higher education and make a positive impact on the world around us.

Interactive learning & Career Perspectives

5 January 2024

Student Development Workshop (Part 2), led by Mr. Zailan Siwan and his team from SATC Training Center, focused on communication, problem-solving, and practical skills for collaborative work environments. The workshop also included a valuable career guidance session.



Safety Savvy Engineers: BEngTech Students Certified in Hazard Control

18 January 2024

Fifty eight students from the Bachelors of Technology (BEng.Tech.) program at the College of Engineering, UiTM, received their Hazard Identification, Risk Assessment, and Risk Control (HIRARC) certificate. The certificate was presented by Associate Professor Ir. Dr. Hasmaini Binti Mohamad as the Head of the School of Electrical Engineering. Dr Wan Noraishah Wan Abdul Munim was also present for the ceremony as the BEng.Tech. Programme Coordinator as well as Cik Fairus Md Zain. Students received their HIRARC certification from Utechium, a safety training specialist. The program equips students to identify and mitigate workplace hazards.

Insights from an Insider

19 January 2024

PKE's Prof. Adjunct, Ir. Dr Megat Zuhairy bin Megat Tajuddin, the visionary leader at the helm of the National Cyber Security Agency (NACSA) and the esteemed Registrar of the Board of Engineers Malaysia (BEM) gave an insightful talk on 'Challenges & Opportunities for Engineers in the Digital Era'. Audience were among final year students from College of Engineering.





UiTM & PETRONAS Join Forces: Supercharging UiTM's Electrical Engineering Student Experience

The second meeting between PETRONAS and PKE UiTM Shah Alam focused on outlining initiatives for the CHESSE Programme and discussing activities for the Bachelor of Electrical Engineering with honors programme for the semester March to July 2024. Key features included collaborative research projects, co-supervisors for the Final Year Project, industrial visits, and a shared objective to consistently benefit electrical engineering students.

STEM Roadshow for Secondary Schools in Selangor 2024

The roadshow aims to increase STEM enrollment in schools and assist school management in providing accurate information for students in making STEM-related choices. The College of Engineering was represented by PM Ir. Dr. Hasmaini Mohamad, PM Ir. Dr. Ahmad Sabirin Zoolfakar, Ir, Ts. Dr. Maizatul Zolkapli, and Ir. Abdul Karimi Halim, with assistance from Dr. Aziati Husna Awang. This programme can enhance visibility and support UiTM's academic mission.



Masters in Engineering Education Initiatives

Meeting Between College of Engineering (KPK), UiTM and CIAST. The primary objective of the meeting is to foster a dialogue on academic advancement opportunities for instructors at training centers under the Department Skills Development, specifically highlighting the possibilities of enrolling in the new Masters in Engineering Education programme, designed to enhance the pedagogical skills and technical expertise of these TVET educators. Attendees include: Prof. Dr. Hamidah Mohd Saman, Prof. Ir. Dr. Norlida Bunyamin, Prof. Madya Dr. Sheila Belayutham, Ir. Dr. Marianah Masrie, Ts. Dr. Mohd Hafiz Mohd Noh and En. Muhammad Aiman Abu Hassan.



BENCHMARKING



USM & UniMAP

A benchmarking visit has been conducted for 3 Electrical Engineering Studies (PKE) programs, namely, i. Bachelor of Electronics Engineering with Honours (CEEE222), ii. Bachelor of Electrical Engineering with Honours (CEEE223) and iii. Bachelor of Electrical and Electronics Engineering Technology with Honours (CEEE260), to the School of Electrical & Electronic Engineering, Engineering Campus, Universiti Sains Malaysia, and the Faculty of Electronic Engineering & Technology and the Faculty of Electrical Engineering & Technology, Universiti Malaysia Perlis (UniMAP). This visit involved 12 representatives from PKE, including the Head of School, Discipline Coordinators, Programme Coordinators, representatives from Workshops, Laboratories, and Facilities (BMF), and members of the PKE Accreditation Committee.

STEM CAREER DAY



SPARK CURIOSITY ABOUT SCIENCE AND TECHNOLOGY CAREERS!

20 March 2024

Students learned how STEM shapes our world, tackles challenges, and opens doors to exciting learning opportunities at UiTM's College of Engineering. A special signing ceremony cemented the school's commitment to fostering future scientists and engineers.



CONFERENCE



ICPEA 2024

4-5 March 2024

The 4th IEEE International Conference on Power Engineering Applications (ICPEA 2024) concluded successfully in Penang, hosted by the School of Electrical Engineering and co-sponsored by IEEE PES Malaysia Chapter. The event featured notable speakers, including Prof. Lalit Goel and Dr. Ng Sing Muk, and showcased groundbreaking research in power engineering. Highlights included an opening ceremony with Assistant Vice Chancellor, Prof. Ir Dr Hamidah Mohd Saman and a gala dinner where exceptional contributions were honored with Best Paper Awards. ICPEA 2024 emerged as a pivotal forum for expertise exchange in the power engineering field.



COMMUNITY CARE

A RAMADAN OF GIVING AT RUMAH AL-FIRDAUS



Rumah Al-Firdaus, located in Denai Alam, is a home that accommodates a total of 40 orphaned children. This Ramadan has provided an opportunity for the School of Electrical Engineering members to contribute by sponsoring meals for the iftar for these children. The Chicken Rice menu was served on 24th March 2024, while the fried chicken and soup menu was served on March 27, 2024. A similar drive will continue on 1st April 2024.

The PKE Welfare Committee representative, Associate Professor Dr. Mohamad Fahmi Hussin, delivered the contribution to Rumah Al-Firdaus. Thanks to all PKE members for their generous contributions and support. May every act of kindness become an enduring charity.

COMPASSION IN ACTION



Maahad Tahfiz Darul Pekima, a center for the education of orphans located in Bukit Bandaraya, Shah Alam. The school conducts Quranic studies for these children. In conjunction with Ramadan 1445H, the School of Electrical Engineering (PKE) has collected donations directly channeled to the school's account to cover the suhoor and iftar expenses for 15 children. On 27th March 2024, PKE, together with the College of Engineering (KPK), carried out a communal effort to make 'bubur lambuk'. The delivery of 'bubur lambuk' was also made to Maahad Tahfiz Darul Pekima by the PKE Welfare Committee representative.



Congratulations to Ts. Dr. Mohamad Farid Misnan on the achievement of a 4-star community project.

Congratulations to all British Council Grant recipients



February

Congratulations Assoc. Prof. Ir Dr Norashikin M.Thamrin and Ts Dr Mohamad Farid Misnan on securing the consultation grant worth RM45,650.

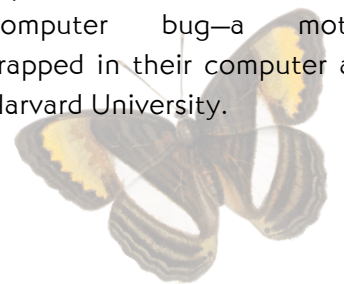
March

Congratulations to PM. Ir. Dr. Norashikin M. Thamrin and Ts. Dr. Mohamad Farid Misnan on their appointment as Invited Speakers in Computer Engineering at Bina Nusantara University (BINUS) Jakarta, Indonesia

Read more on our social media accounts

Tech Trivia

On 9th September 1947, a team of computer scientists reported the world's first computer bug—a moth trapped in their computer at Harvard University.





EDITORIAL TEAM

A'ZRAA AFHZAN AB RAHIM | DR NAJIDAH HAMBALI | IR DR WAN ROSMARIA WAN AHMAD
SCHOOL OF ELECTRICAL ENGINEERING, COLLEGE OF ENGINEERING, UITM SHAH ALAM