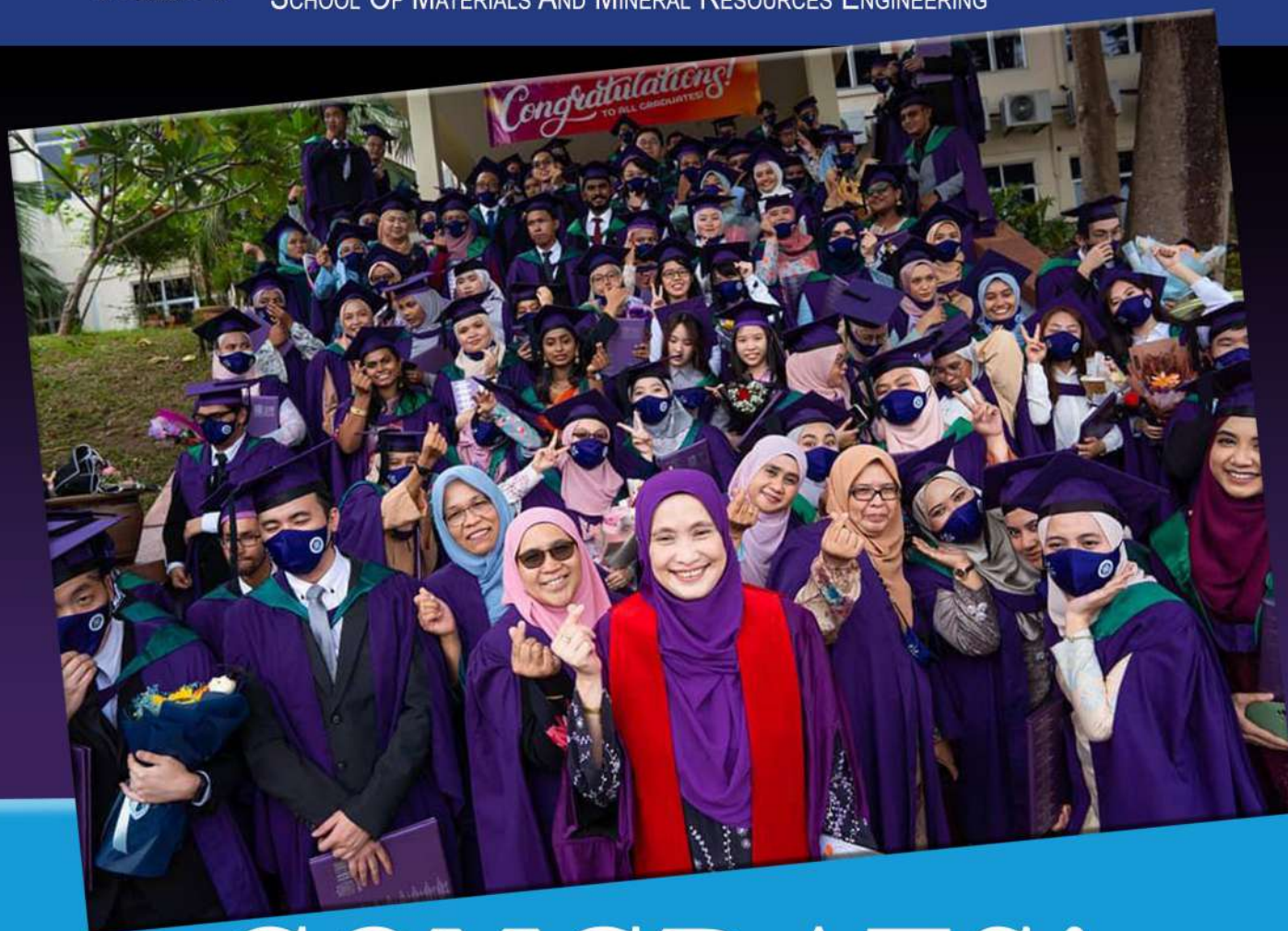




NEWSLETTER

PUSAT PENGAJIAN KEJURUTERAAN BAHAN DAN SUMBER MINERAL
SCHOOL OF MATERIALS AND MINERAL RESOURCES ENGINEERING



CONGRATS!

USM 59th CONVOCATION: CONGRATULATIONS SMMRE ALUMNI!

21-31 May 2022: After being paused for two years, the convocation ceremony is back! This time around, parents and loved ones were allowed to witness the graduands receive their degree scrolls. The sought-after event was waited by all graduands to celebrate their priceless moments wearing the famous USM purple robe. Doctorate (PhD) students graduated on the 21st of May, Master's grads received their scroll on the 24th of May, and lastly, Bachelor's students graduated on the 27th of May. SMMRE wishes all graduands a well-deserved celebrations! Congratulations!



NEWS
PTJ ACTIVITIES
THROUGHOUT
DEC 2021-
JUNE 2022



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SMMRE received CREaTE delegation

31 Dec 2021: Centre of Excellence for Engineering & Technology (CREaTE) JKR visited SMMRE's accredited laboratory- The visit was participated by five JKR officers and they were directed to the school's ISO accredited laboratory. The visit aimed to gain insights into the implementation of the accredited laboratory and a brief demonstration of the technical experiments were conducted. The delegate also went to the X-Ray Fluorescence (XRF) and Scanning Electron Microscope (SEM) labs and brief operating procedures were given. Hopefully, more collaborative opportunities between SMMRE



MATERIAL SCIENCES COURSE FOR KOLEJ VOKASIONAL STUDENTS

13 April 2022: Materials Engineering USM organized a short course for Kolej Vokasional Taiping students- 13 students and 2 teachers participated in this course. The course is aimed to provide theoretical and practical knowledge on tensile and hardness tests. Dr Khairul Anuar Shariff gave a theoretical briefing on the testing before the participants commences their practical work.

At the end of the course, the participants were given a short test to evaluate the efficiency of the course. This course envisions disseminating knowledge on materials testing to the public, and hopefully, it can be applied to solve real-world problems.





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SELAMAT HARI RAYA SMMRE! & MAJLIS SANJUNG BUDI



18 May 2022: Everyone was excited to celebrate Hari Raya after two years of dull celebrations, being locked up at home due to MCOs. This Syawal (1443H) commemorates the first celebration during the pandemic/endemic era, and guests donned new and colourful Eid clothing! Also present are SMMRE retired lecturers- Prof. Ts. Dr Hanafi Ismail, Prof. Dr Zulkifli Ahmad and Dr Norlia Bahrin, for Majlis Sanjung Budi. The tribute was also celebrated for Prof. Dr Zainal Ariffin Mohd Ishak and Associate Prof. Dr. Azhar Abu Bakar, who retired in 2021



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HEBAT USM = MIMATES + SMMRE STUDENTS!

1-2 June 2022: Being involved in student-led activities is a crucial part of campus life. This privilege was taken away during the pandemic lockdown! Desasiswa JLU organized a program called 'Program JLU4U' to lively up the campus vicinity after the pandemic, where the program was designed with fun activities including stalls, mini-games, a mini zoo, a concert and a haunted house! MiRes students together with MIMATES took part in the program by setting up two stalls, as a part of fund collection for international academic trips. This program was aimed to stimulate students' participation in problem-solving and impactful activities, preparing for a challenging tomorrow.



VISIT TO AT GLOVE ENGINEERING SDN. BHD.

22 June 2022: Three SMMRE lecturers; Profesor Dr. Hazizan Md Akil, Assoc. Prof. Dr. Nadras Othman and Ts. Dr. Muhamad Sharan Musa visited AT Glove Engineering Sdn. Bhd. in Ipoh, Perak as a part of an academic-industry networking program. The trio was greeted by Dr. Tuan Noraihan Azila Tuan Rahim, the Quality Manager of the company, and they were introduced to their glove manufacturing lines and facilities in laboratories.





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POLYMER ENGINEERING: ALUMNUS BACK TO SCHOOL

3 June 2022: Polymer Engineering program organized an alumnus sharing session with current undergraduate students on experiences in the industry. The talk entitled "Engineer: What Are The Expectations?" was delivered by Mrs Roziyanna Ahamad from Teleflex Medical Sdn. Bhd and the session received a remarkable turnout, most of the participants were third and final-year students. Roziyanna is the current Project Manager and was attached to many prime polymer-based industries namely Teleflex Kulim, Teleflex Kamunting, Continental Tyres, Johnson and Johnson, and Toray Plastic, Prai.

The sharing session exposed students to working experiences, such as interview preparation, survival and communication skills.





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ACADEMIC COLLABORATIVE VISIT: MINERAL RESOURCES ENGINEERING WITH QUARRY & MINING INDUSTRIES

15 June 2022: USM Mineral Resources Engineering team visited Lion Mining Sdn Bhd and Austin Powder, mainly to engage in academic and research matters. Strategic planning on expert utilization from both partners was among the discussed topics during the visit. Academic aspects such as students' involvement in the industry such as industrial training and attachment were also seen as an impactful plan for the development of quarry and mining industries, as well as the academic curriculum at the university.

Mineral Resources Engineering Program is also proud to connect with the alumni and hopefully, the university-industry network will continue to grow for the betterment of both parties.





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WELCOME TO SMMRE, YTY INDUSTRY!

22 June 2022: Senior scientist of YTY, who is also an SMMRE postgraduate alumnus, Dr Indrajith Rathnayake visited SMMRE. Dr. Indrajith did his PhD under the supervision of Prof. Dr. Hanafi Ismail and has a wide experience in the rubber & latex industries- 14 whopping years!

Dr. Indrajith shared crucial tips with the students on the opportunity for graduates in the rubber & latex industries, as this is seen to be a huge advantage due to Malaysia being one of the largest rubber producers





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CONGRATS!

SMMRE staff on securing research grants:

1. Prof Dr. Azura A. Rashid: Kaneka Polymers & Smaterials Technology
2. Ts. Dr. Muhamad Sharan Musa: SSEB Solution
3. Prof. Ir. Dr. Mariatti Jaafar: Micron Memory Malaysia
4. Assoc. Prof. Ir. Ts. Dr. Mohd Hazizan Hashim: KPT-PACE
5. Assoc. Prof. Dr. Yeoh Fei Yee: PPRN KPT

SMMRE staff on receiving awards:

Prof. Ir. Dr. Srimala Sreekantan:
1st prize for start-up category in Swiss Innovation Challenge Asean

SMMRE students participated in a national-level competition:

1. M. Fikri (Yr 3, Materials Eng.), Lutfi Amir (Yr 3, Polymer Eng.),
Suhaib (Yr 3, Materials Eng.),
Daniel Ariff (Yr 3 Mineral Resources Eng.):
Spirit Aerosystem 1st Design Competition
2. Muhammad Naziff Ahamad Said (MSc, Polymer Eng.):
Materials Lecture Competition 2022

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