

4th KARNIVAL KIMIA MALAYSIA (K2M) 2023 by IKM Perak Branch

The 4th KARNIVAL KIMIA MALAYSIA (K2M) 2023 Perak state level is organized by IKM Perak Branch in collaboration with Chemistry teachers of North Kinta district, Perak Education department. This program was successfully held on the 18th November 2023 at SMK Menglembu. The program was officiated by the Deputy Director of Perak Education Department representing the Director Dato' Mohammad Fauzi Bin Manson, DPMP, AMP. The IKM Vice President, ChM. Datin Dr. Zuriati Zakaria was present as the invited guest. Many other guests attended the program including the representatives from Perak Education Department, North Kinta district Perak Education Department, representatives from Jabatan Kimia Malaysia, many others from the industries, the exco members of the IKM Perak Branch, teachers and students. Total of 435 teachers, students and parents from 6 varies district of Perak State has involved in this programme.

The primary aim of 4th Karnival Kimia Malaysia K2M 2023 was created to enhance the awareness in Primary and Secondary School Students of the importance of Chemistry in our daily lives. With the theme "Kelestarian Kimia dalam Kehidupan", we had innovation competition and STEM Talent Shows from school students, pitching competition from school teachers, workshop for school teachers and also education / career fairs provide to students and community. Chemistry is a basic science that affects various aspects of our daily lives, from health care, energy to materials and nature around. However, many individuals consider chemistry as a complex subject and not easy to learn. The implementation of this event allowed students to apply what they learn to produce a product for usage in life. This gave the students an advantage to understand in more detail about the concepts of learned and used in their daily lives. This programme also was a platform for teachers to showcased and highlighted their PdPc ideas in improving student achievement in the subject of chemistry. In addition, it also exposed the community and society about the importance of chemistry in daily life. This carnival cultivated the interest and knowledge in Chemistry by giving young adults the opportunity to talk about Chemistry and practice the skills they have learned in a friendly competition.

Total of 46 groups of primary and secondary school students from North Kinta district, South Kinta district, Larut, Matang and Selama District, Perak Tengah district, Manjung district and Kuala Kangsar district were taken part in the Innovation Competition while 10 exhibition booths from different government bodies and industries have also participated. Upon registration, all the participants were given the Certificate of participation. In the Innovation Competition, the projects presented by all the schools were judged by the invited judges from the universities. The Microscale teaching of





chemistry workshop were conducted by UKM lecturers lead by ChM Datin Dr. Zuriati Zakaria, Vice Presiden IKM to 56 teachers from Perak. All the participants displayed an active participation during the workshop.

STEM Talent Show were performed by primary and secondary schools' students from SK La Salle, SK Convent Ipoh, SK Raja Perempuan, SRA Tarbiyyah Islamiyyah, SMK Ave Maria Convent Ipoh, SMK Anderson, SMK Perempuan Methodist. Each team were presented with Certificate of Appreciation.

3 minutes PdP Poster Pitching were presented by STEM and Chemistry teachers across primary to secondary schools in Perak. All the teachers displayed a creative and innovative teaching practices via an amazing presentation. However, only participants with all the criteria are rewarded with Best Presenters Award.

Innovation Competition (Primary School Category)	
Champion	SJK(T) METHODIST MALIM NAWAR
1 st runner up	SK JELAPANG JAYA
2 nd runner up	SK CHANGKAT LADA 3
3 rd runner up	SJK (T) MAHA GANESA VIDDYASALAI
4 th runner up	SJK(T) MAHA GANESA VIDDYASALAI
Innovation Competition (Secondary School Category)	
Champion	SMK AVE MARIA CONVENT IPOH
1 st runner up	SMK JALAN PASIR PUTEH
2 nd runner up	SMK CONVENT
3 rd runner up	SMK CONVENT
4 th runner up	SMK AVE MARIA CONVENT IPOH

3 MIN-PdP POSTER PITCHING CATEGORIES	BEST PRESENTERS AWARDEES
STEM PRIMARY SCHOOL	MARIMAH A/P PATRASE (SJKT MAHA GANESA VIDDYASALAI)
STEM SECONDARY SCHOOL	EHQA DHABITTA BT MOHD NASIR (SMK PEREMPUAN METHODIST IPOH)
CHEMISTRY (INDIVIDUAL)	VIGNESWARAN A/L SUPPIAH (SMK JALAN PASIR PUTEH IPOH)
CHEMISTRY (GROUP)	KOMATHY VEERASINGHAN (SMK AVE MARIA CONVENT IPOH), CHOW LAI KIM (KOLEJ MATRIKULASI PERAK)

Hopefully, for other participants, with the jury's comments and suggestions, the presentations will be improved in the future. Trophies and Certificate of Achievements were given.

The organizing committees of the 4th Karnival Kimia K2M has worked very hard to ensure the K2M program goes smoothly. Heartiest appreciation goes to Institut Kimia Malaysia and MOSTI for continuous support and facilitated this program in making it a success. Starting from the registration until the closing ceremony, K2M program has been well organized and lasted successfully.



Report prepared by: ChM Pn Komathy Veerasinghan (Organising Chairman II)