

Empowering the Community Through Mathematics: Profesor Turun Padang with Sekolah Menengah Kebangsaan Sultan Ahmad

Last Updated: 01 July 2024 Hits: 98

Lecturers from the Centre for Mathematical Sciences (PSM), UMP SA, are honored to accept an invitation from the Sukarelawan Mahasiswa Rakyat (SEMART) Sekolah Menengah Kebangsaan (SMK) Sultan Ahmad to facilitate the Profesor Turun Padang (PTP) program as part of the Perkampungan Siswa (PERSIS) 6.0 event, together with 100 Form five students of this school. The PTP Program slot, involving eleven PSM lecturers, was successfully held on June 27, 2024.



The presence of PSM Mathematics lecturers was warmly welcomed by the Principal of SMK Sultan Ahmad, Tuan Haji Kamaludin bin Abdul Latif, and accompanied by the Chairman of PERSIS 6.0, Mr. Mohd Akram, along with several SMK Sultan Ahmad teachers. The first slot of the PTP began with a sharing session on the academic programs offered at PSM UMP SA. The first

sharing was by the Head of the Foundation Program (Science & Technology), Assoc. Prof. Dr. Abdul Rahman bin Mohd Kasim, regarding the Foundation Program at UMPSA. The next sharing was presented by Dr. Adam Shariff bin Adli Aminuddin, Head of the Data Analytics Program, who provided insights about the Bachelor of Applied Science in Data Analytics with Honours to SMK Sultan Ahmad students. This sharing of academic program offerings is important to give ideas and preparation to Form five students in choosing their academic paths at the higher education level and to provide input on scholarship opportunities that can motivate students to achieve excellent results in the Sijil Pelajaran Malaysia (SPM) 2024.





The second slot was led by Dr. Rahimah binti Jusoh@Awang with 'Permainan Matematik' activities. This slot tested the students' calculation agility. This session provided an opportunity for students to demonstrate their proficiency and courage in responding to mathematics questions posed to them.

The third slot continued with group activities facilitated by the PSM lecturers involved in this PTP. Students were divided into nine groups. This slot was named 'Matematik dalam Profesion'. Each group was given a professional field consisting of Cybersecurity, Data Science, Computer Engineering, Statistics, Banking, Meteorology, Economics, and Telecommunications. Students discussed within the group about the mathematics knowledge related to the profession, assisted and supervised by nine PSM lecturers: Assoc. Prof. Dr. Noryanti, Dr. Chuan Zun Liang, Dr. Nadirah, Dr. Rahimah, Dr. Farahanim, Dr. Nor Azuana, Dr. Nor Hafizah, Dr. Nor Izzati, and Ms. Nur Zahirah. The findings of each group were then presented to all the students present.



The PTP session concluded with reflections on the group activities delivered by Dr. Nadirah binti Mohd Nasir. Overall, the hope for this PTP is to inject motivation into the students about the importance of mastering mathematics in academic learning at school level and to ease their journey in higher education, while also guiding students in choosing future careers. May this PTP benefit all participants of the PERSIS 6.0.





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