

# Professor on Duty @ Bijak Matematik in Masjid Nurul Iman, Kampung Batu 10 Kebun Baharu

ENGINEERING EDUCATION TECHNICAL DIVISION

reported by



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The E2TD Division conducted a community services programme, Professor on Duty @ Bijak Matematik, in Masjid Nurul Iman, Kampung Batu 10 Kebun Baharu and Sekolah Agama Menengah Sungai Merab Luar, Sepang, recently.

The universities involved were Universiti Putra Malaysia (UPM) and Universiti Kebangsaan Malaysia (UKM) and the 4 senior academics cum trainers were Assoc. Prof. Ir. Dr Mohamed Thariq Hameed Sultan (Head of Project, UPM), Prof. Ir. Dr Mandeep Singh Jit Singh (UKM), Dr Ahmad Hamdan bin Ariffin (UPM) and Assoc. Prof. Dr Zulkifli Mohd Nopiah (UKM). Those who also contributed significantly to the event were 15 undergraduate students from the two universities.

The aim was to teach students in rural schools to effectively answer exam questions related to mathematics. The programme targeted those from underprivileged families. The undergraduate students who took part in the programme did so on a volunteer basis. The programme also acted as a medium for the students to play an effective role as leaders and to enhance the techniques or mathematical solving skills of both mentors and mentees.

The Bijak Matematik Programme applied the National Blue Ocean Strategy (NBOS) concept by using existing resources at a very low cost. Existing sources included the energy and time of volunteers who comprised

*Details of Professor on Duty @ Bijak Matematik*

DATE	VENUE	TIME	TARGETED GROUP
31 March, 2018	Masjid Nurul Iman, Kampung Batu 10 Kebun Baharu Teluk Panglima Garang, Selangor	8.30 a.m. – Noon	Standard 4, 5 and 6 (preparation for UPSR examination) <b>200 students attended</b>
7 April, 2018	Masjid Nurul Iman, Kampung Batu 10 Kebun Baharu Teluk Panglima Garang, Selangor	8.30 a.m. – Noon	Form 1, 2 and 3 (preparation for PT3 examination) <b>120 students attended</b>
12 April, 2018	Surau Al-Azhar, Sekolah Agama Menengah Sungai Merab Luar, Sepang Selangor	8.30 a.m. – 10.30 a.m.	Form 5 (preparation for SPM examination) <b>87 students attended</b>
14 April, 2018	Masjid Nurul Iman, Kampung Batu 10 Kebun Baharu Teluk Panglima Garang, Selangor	8.30 a.m. – Noon	Form 4 and 5 (preparation for SPM examination) <b>90 students attended</b>



*Assoc. Prof. Ir. Dr Mohamed Thariq Hameed Sultan delivering his talk*



*Form Five students of Sekolah Agama Menengah, Sungai Merab Luar*

female students from UPM and UKM. Through this mentor system, the school children had the opportunity to study in a new learning environment instead of the more formal learning environment in the classroom. Through this "tutor/mentor" approach, they were exposed to a new approach in learning.

The programme inculcates creativity and innovative thinking in school children to improve their level of education. The result of knowledge sharing between students is applied when answering mathematical questions. Furthermore, analytical and logical thinking skills can be honed through continuous mathematical training.

It is a dynamic strategy that involves schools and universities voluntarily to develop a higher level of education and to enable the Malaysian government to achieve its aspiration to become a developed nation. ■