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CAMBODIA

CASE STUDY

Practical workshops for High School Teachers Using Local Resources



Professor Hauben and her assistants

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Telling Our Story

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Sixty High School Chemistry teachers from various High Schools in Kampong Cham, Kratie and Siem Reap took part in a series of Chemistry Teaching Workshops last summer. The workshops focused on giving practical demonstrations and enabling participants to conduct chemistry experiments using locally available “low tech” resources. All the experiments used illustrate chemical concepts taught in Grades 7, 8, and 9 in Cambodian High Schools.

The three 4-day Chemistry Training Workshops were arranged with support from USAID in collaboration with MoEYS. The workshops were delivered by a team of trainers led by Professor Hauben who is a (Chemistry Professor and Chemical Education specialist from the City University of New York. The Chemistry experiments were designed and facilitated by Professor Hauben and assistants from the Royal University of Phnom Penh with whom she has worked extensively in the past. The workshops, a first for Cambodian high school chemistry teachers, aimed to give the participants the means to improve their teaching, and make chemistry “come alive” in the classrooms. During the workshops, more than 75 experiments were presented. Some of the “low tech” equipment used included soft drink cans, bamboo sticks, balloons, water, candles, salt etc. IBEC has great hopes that these efforts will make science learning more accessible and ‘hands-on’ for Cambodian students.