

“KNOW IT? OR KNOW IT!” - KKN

On the 10th of November 2016, a few XI std. students of PSBBSS School, K K Nagar witnessed a Physics lecture demonstration by Professor Chorng-Haur Sow of NUS, Singapore, at IIT Madras.

The demonstrations, apart from being really ‘cool’ were also highly illustrative of the Physics concepts they were trying to communicate and students discovered how to uncover some of those magical and breath-taking activities. The Professor’s infectious enthusiasm rubbed off on our young and budding scientists. The entire experience motivated them to such an extent that they wanted to share their newly imbibed wisdom with rest of their peers.

And before we knew it, our students were primed for our maiden one hour long session of demonstration of various Physics experiments along with a power point presentation at the Dr.Mrs.YGP Auditorium for the students of XI std. on 18.11.16. They showed great enthusiasm in preparing for the demo, be it, getting the theory behind their demos right (some even beyond their syllabus) or organizing the equipment required or improvising with objects available in the lab.

Students provided explanations while they demonstrated, going about their business in a nonchalant way, showcasing their knowledge and scientific prowess, collaborating with each other and working as a team. It was evident that they were enjoying their newfound roles.

The demonstrations covered topics like air pressure, role of air resistance against gravity, buoyancy, conservation of momentum, electromagnetic shielding, visualizing sound waves, resonance, fluorescence, polarization etc.

The spontaneous applause by the spellbound audience at the end of each demonstration validated our efforts.

The Principal, Mrs.Geetha Govindarajan, appreciated the efforts put in by the students and advocated the development of scientific temperament in every student. Mrs.VijayaLakshmi Srivatsan also congratulated the students for their interesting presentation. Mrs.Vijayasudha Narayanan, HOD Science Dept., lauded their efforts, stressed on the need for learning-by-doing and encouraged the science enthusiasts to come up with more such demos of their own.

It was indeed a very educative and a memorable experience. The team consisted of Anirudh R and Keerthana K of XI E1; Sanjay Krishna and Sukrit Nanda M of XI E2; Madhurima and Adithya of XI E3; Siddharth S and Rajalakshmi of XI F1, Harikishen and Sabarinathan of XI F2 supported by the entire Physics Department.

Roving Reporters
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