

## **Workshop on Water Rockets and Exhibition on Launch Vehicles at IIAEM, Jain University in collaboration with ISRO, Bangalore**

On 8 May 2013, IIAEM organised ISRO-IIAEM workshop explicating the significance of rockets through an experimental approach in the form of design, build and launch of water rockets. The workshop was conducted by ISRO team led by Mr. B. R. Guru Prasad, Scientist / Engineer – SF, PRO (ISRO) and supported by Coca-Cola, India by supplying the basic material for making the rocket.

The purpose of workshop was to enlighten the students on science and engineering of rocketry. The highlights of the workshop were to make the students to understand the difficulties involved and accuracies to be maintained while constructing the rockets. A group of 30 students from Aerospace engineering participated in the workshop. They were divided into 10 teams of three per team. The overall co-ordination of the workshop was done by Mr. Sulakshan R Arya, Asst. Prof., IIAEM supported by a team of 10 Aerospace students as volunteers.

The workshop started with a presentation on overview of India's progress in space programme covering various satellite launches. The various missions involving satellites and launch vehicles were explained in detail. Then the water rocket was explained.

An exhibition of launch vehicles was arranged in the lobby of first floor at IIAEM. The displays at the exhibition comprise models of PSLV, GSLV and GSLV Mk III, a few panels illustrating on achievements of India in space as well as the fundamentals of astronautics and a few models of the satellites.

A class room session on construction of water rocket was conducted. All the participating teams were found highly enthusiastic in designing and constructing water rockets. The launch of the water rockets were arranged at AISIRI grounds, Global campus. All the rockets made by the participating teams were successfully launched. The workshop was concluded by felicitating the teams which secured I, II and III positions with respect to performance of their Rockets. Dr. N G R Iyengar, Director, IIAEM thanked the ISRO team for all the efforts they had taken to make the workshop a grand success.



Mr. B. R. Guru Prasad, Scientist / Engineer – SF, PRO (ISRO) giving presentation on water rocket



Students & Faculty members of IIAEM present during the workshop



Water Rocket demo presentation at IIAEM, Jain University campus



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Dr. N G R Iyengar, Director, IIAEM presenting a token of appreciation to Mr. B. R. Guru Prasad