

A TRULY ENRICHING EXPERIENCE AT CMI!

- Math and Science Workshop 2019



It was with a sense of eager anticipation that four students from 11-B –Ajai Krishna, Arvind Sivaram, Anvita Srinath and Sadhana headed to the Chennai Mathematical Institute, Siruseri for a 2 –Day interactive math and science workshop on the 8th and 9th of July 2019. They looked forward to an enjoyable session comprising of a series of 6 inspiring lectures on various new concepts in math, science and computers. They were accompanied by math teacher, Ms. Aditi Iyer on the first day and Science teacher Mrs Deepa Jaikumar, on the second day.

The program commenced at 10'o clock on the first day , with the first lecture delivered by Mr.Sivakumar , a professor at CMI .This was about Albert Einstein's General Theory Of Relativity and about other path breaking discoveries in the field of science. The takeaway at this lecture was **“One does not need sophisticated instruments for discoveries ,Simple things are enough”**. The next two discussions after lunch were on **‘Animal Development and DNA’** and on **‘Number Theory and Secure Communication’**. The students really enjoyed these lectures and as they were new and interesting.

The next day started off with an absorbing lecture on **‘computer simulations and what they teach about material properties’**. This was followed by Mr. K.V. Subrahmanyam's interactive session on “P Versus NP Problems”.

The most awaited part of the programme commenced after lunch – **The Hands on Session with Mr. Arvind Gupta**, the famous toy inventor and science expert from Kanpur. He had brought a lot of simple things easily available at home like pencil, matchstick, hanger, pipe, straw, magnet, coins, wires. He demonstrated how one can use these things to make simple but innovative toys like a ‘levitating pencil’, water spout, helicopter, electric motor, generator, etc. This exciting session kindled the creativity and curiosity in the students. Mr. Arvind Gupta said, **“It is important that students develop their skill with hands. This will help them to spend their free time in a worthwhile manner”**.



“The main aim of this workshop was to kindle a scientific temper among the students and motivate them to consider pursuing higher studies at CMI”, declared Mr. Madhavan Mukund, Deputy Dean and Director of CMI, ending the program on a vibrant note.

This programme was truly an eye opener to all the budding scientists assembled there, making them understand that there is so much more to analyse and appreciate the physical world around them!

- By
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