

Bioinformatics – Tech On

On the 27th of November, 2018, the students of class XII, PSBB Siruseri, visited the ISA project presented by the Computer Science department of the KK Nagar branch.

The presentation, named *Tech On*, took place in Dr.Mrs. YPG Auditorium, PSBB KK Nagar, and the Chief Guest was Mr. Prakash Pazamalai, the Director of Cognizant, Chennai.

Tech On began with a presentation on *Protein Folding*, followed by a short movie that helped students understand the concept better. This was then followed by a lecture on *DNA* and *Knot Theory*. This lecture focused on explaining the relation between the Knot Theory and *DNA recombination*, touching topics like *Tricolorability*, and *Topology*.

The IT students showcased their website that contained a related blog that users could access and share their thoughts on, and interactive webpages that had fun crossword puzzles and anagrams. This was then followed by a speech by the Chief Guest on *Future Technologies*. Mr. Prakash talked about the important advancements in technology, and its advantages in the near future. He stressed on its positive impacts in today's world, and how it will continue to bring about revolutionary changes with time.

Tech On then wrapped up with a Quiz on general *Bioinformatics* and *Tech History*. One team from each branch (consisting of 3 participants) participated, which then concluded with the Nungambakkam team winning.

This presentation helped the students understand the various applications of technology in today's medical field and day-to-day life. It also helped some to realise their potential interest in the field. It was an informative programme and very topical too.

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