

Inaugural Speech of The President
of
Intelligentsia Satyen Bose Science Club

Assalamualikum,

I am Baarbaa Binte Rahman. A student of Intelligentsia School and the founder president of ISC Satyen Bose Science Club.

First of all, I would like to extend my warmest greeting to our chief guest

1. Dr. Muhammad Abu Sayem Karal, professor department of physics buet, moderator satyen bose science club
2. Khandaker Abdullah Al Tahmid, President, Youthpreneur Network
3. Mussabir Salahin Akash President, Satyen Bose Science Club, BUET
4. Manager Md Mashfiqur Rahman Munna, Youthpreneur Network
5. And some members of satyen bose science club buet

Our beloved students, respectable teachers our vice principal Md Year Hossain sir and all of our administrative staff.staffs.

Today we have congregated here for a very special reason. Today is the opening of ISC Satyen Bose Science Club. The name I suppose sparks some curiosity. Doesn't it? That who Satyen Bose was and what he **has** to do with our school's science club.

Born on January 1st 1894 Kolkata Satyendra Nath Bose was an exceptional theoretical physicist and an immaculate mathematician. His contributions to science are so significant and immense that it will take us the whole day if we start listing them. Half the particles in the universe are named after him. A self-taught scholar and a polymath, Bose was a scholar starting from his childhood. His mathematics teacher believed that he had the potential to become a great mathematician. The equal of Pierre Simon Laplace. He always received very high marks that it not only made him a topper but even created a new record in the annuals of the university of Calcutta that is yet to be surpassed.

His contributions and field of interest {not to be said}

He was a famous Indian physicist who worked with Albert Einstein on the Bose-Einstein Condensate and the Boson particle. Bose's numerous scientific papers (published from 1918 to 1956) contributed to statistical mechanics, the electromagnetic properties of the ionosphere, the theories of X-ray crystallography and thermoluminescence and unified field theory.

Bose's *Planck's Law and the Hypothesis of Light Quanta* (1924) led Einstein to seek him out for him and work with him. From then along with Einstein he invented the BE condensates, quantum statistics and also is one of the pioneers of quantum mechanics. He collaborated with Marie Curie, De Broglie and Meghnad Saha. His highest honors included his election in the royal society of London and the class of elementary particles named after him, the Boson. He was never awarded the Nobel prize after being recommended several times. But he never regretted that. When asked he answered "I have got all the recognition I deserve."

Now one question remains in everyone's mind: why did we name our science club after him? As we know, our fellow students have bagged seven national prizes in the national round of the environmental Olympiad. But the seed of it was sown some years ago by our honorable chairman, Mahaburur Rahman, sir. With an exceptional mind and an unquenchable thirst for knowledge, sir had been thinking about opening a science club in our school, but it

really never materialized until now. When the regional rounds of the environmental Olympiad were announced, he was the driving force. Now here's the catch: the regional round was hosted by the Satyen Bose Science Club in BUET. And as we all know, the Bangladesh Institute of Engineering and Technology is one of the finest educational institutes in the country. Our students were more than ever motivated and worked towards the national rounds. And exceeding everyone's expectations, our students succeeded with results that were really surprising. What if the Satyen Bose Science Club never hosted the regional rounds? We might really never be able to achieve something like this.

So as a way of expressing our gratitude and immortalizing one of the golden and forever to be remembered chapters in the history of ISC, our beloved chairman sir decided to open our science club and name it after the **Satyen Bose, who amongst Bengali Scientist had only the opportunity to work with Einstein and who taught in the University of Dhaka. In addition to that, our honorable Chairman Sir wants to get Satyen Bose Science Club BUET as the mentoring organization of our Intelligentsia Satyen Bose Science Club.**

I now want to speak for the other club members who are here today. It gives me great pleasure to work with each and every one of you. the individuals with exceptional minds and razor-sharp brains. And I'm thrilled about the awards we received at the nationals. However, keep in mind that it is not the end; rather, we will need to work even more hard to conquer the upcoming quests and emerge as victorious.

Now I would like to thank our chairman, sir, for taking the steps required at the right time in the right way that brought us her. Alongside, I would also like to thank our beloved vice chairman, our teachers, and our vice principal, sir, for mentoring me, helping me use my potential to the fullest extent, and for making me the founder president of the ISC Satyen Bose Science Club, as it is the highest rank of honor I can receive at such a young age without any mentionable qualifications. All the so-called qualities I have are because of this school. I promise to live up to all of your expectations and fulfill my duties to primacy

Thank You.

25 August 2023 Thursday

ISC Auditorium.