

## **Biology and Bioengineering Summer Camp**

### **BBSC-2021**

The summer camp titled 'Biology and Bioengineering Summer Camp', organized by IIT Bombay, from 17<sup>th</sup> May 2021 to 19<sup>th</sup> May 2021 took place online through Zoom Meetings from 10 AM to 5 PM. Students from class 8<sup>th</sup> to college graduates participated in this summer camp. Professors and lecturers from prestigious universities like IIT Bombay, Harvard university, North Carolina state university, etc. instructed students. One student from Stanford university gave a presentation. Students received valuable information through lectures given by eminent doctors from Tata Memorial Center and Jaslok Hospital. The innovative project ideas from students all over India were showcased.

The topics which were covered in the summer camp were

1. Biology and Bioengineering for 21<sup>st</sup> century
2. Precision medicine
3. OMICS Technologies Big Data and ML

The Summer Camp also enlightened the students about SARS COV-2, medication at an early stage, the first five crucial days and ways to combat SARS COV-2.

Lab demonstration for protein extraction was showcased.

The Summer Camp also organised interesting quizzes for different levels (Junior Batch, Middle Batch and High Batch) and various scientific speech competitions.

The participants also shared their views on Scientific Facts behind COVID-19 Second Wave in India.





Lastly, in the Valedictory Session, the names of quiz winners and best project ideas for all three levels were announced. Winners received cash prizes and certificates.

It was a very enriching summer camp for students to learn how to use softwares to create suitable proteins for medicine to fight diseases like cancer.

### DETAILS OF PARTICIPANTS AND THEIR ACHIEVEMENTS

S.No.	Class/Sec	Name and Picture of Student	Teacher in-charge	Certificate Received
1.	IX F	<p>Areeb Ahmad</p> 	Ms. Seema Misra	
2	IX G	<p>Vidushi Rajvanshi</p> 	Ms. Niyati Bahl	 <p>cash prize - Rs. 500</p>
3.	X B	<p>Kush Kukreja</p> 	Ms. Sheetal Srivastava	 <p>cash prize - Rs. 500 cash prize - Rs. 1500</p>



4.	X E	<p>Spreeha Maurya</p> 	<p>Ms. Niyati Bahl</p>	 <p><i>Award Certificate</i> This certificate is presented to <u>Spreeha Maurya</u> a student of Class 10 studying at DPS, Mathura Road for securing 4th rank in a Scientific Speech Competition conducted during the Biology and Bioengineering Summer Camp 2021 at the Indian Institute of Technology Bombay during May 17-19, 2021 20-05-2021 Date <i>Sanjana Sivasubus</i> Convener</p>
5.	XII E	<p>Divya Bandaru</p> 	<p>Ms. Indermeet Sachdeva</p>	 <p><i>Certificate of Merit</i> This is to certify that <u>Divya Bandaru</u> studying at Delhi Public School, Mathura road for being the Quiz Winner on Day-3 (Category : Middle) conducted during the Biology and Bioengineering Summer Camp 2021 at the Indian Institute of Technology Bombay during May 17-19, 2021 20-05-2021 Date <i>Sanjana Sivasubus</i> Convener</p> <p><i>Certificate of Merit</i> This is to certify that <u>Divya Bandaru</u> studying at Delhi Public School, Mathura road for being the Quiz Winner on Day-2 (Category : Middle) conducted during the Biology and Bioengineering Summer Camp 2021 at the Indian Institute of Technology Bombay during May 17-19, 2021 20-05-2021 Date <i>Sanjana Sivasubus</i> Convener</p> <p>cash prize - Rs. 1000</p>

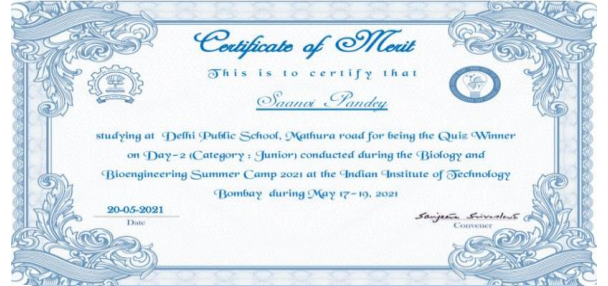
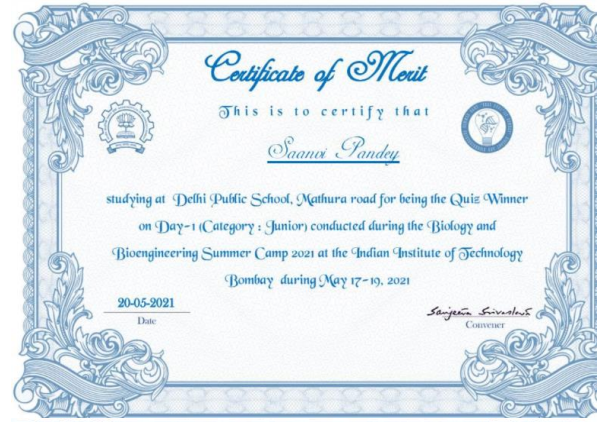
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IX A

Saanvi Pandey



Ms. Sheetal Srivastava



cash prize - Rs. 2000