

National Science Day Celebration Activities Quarter II

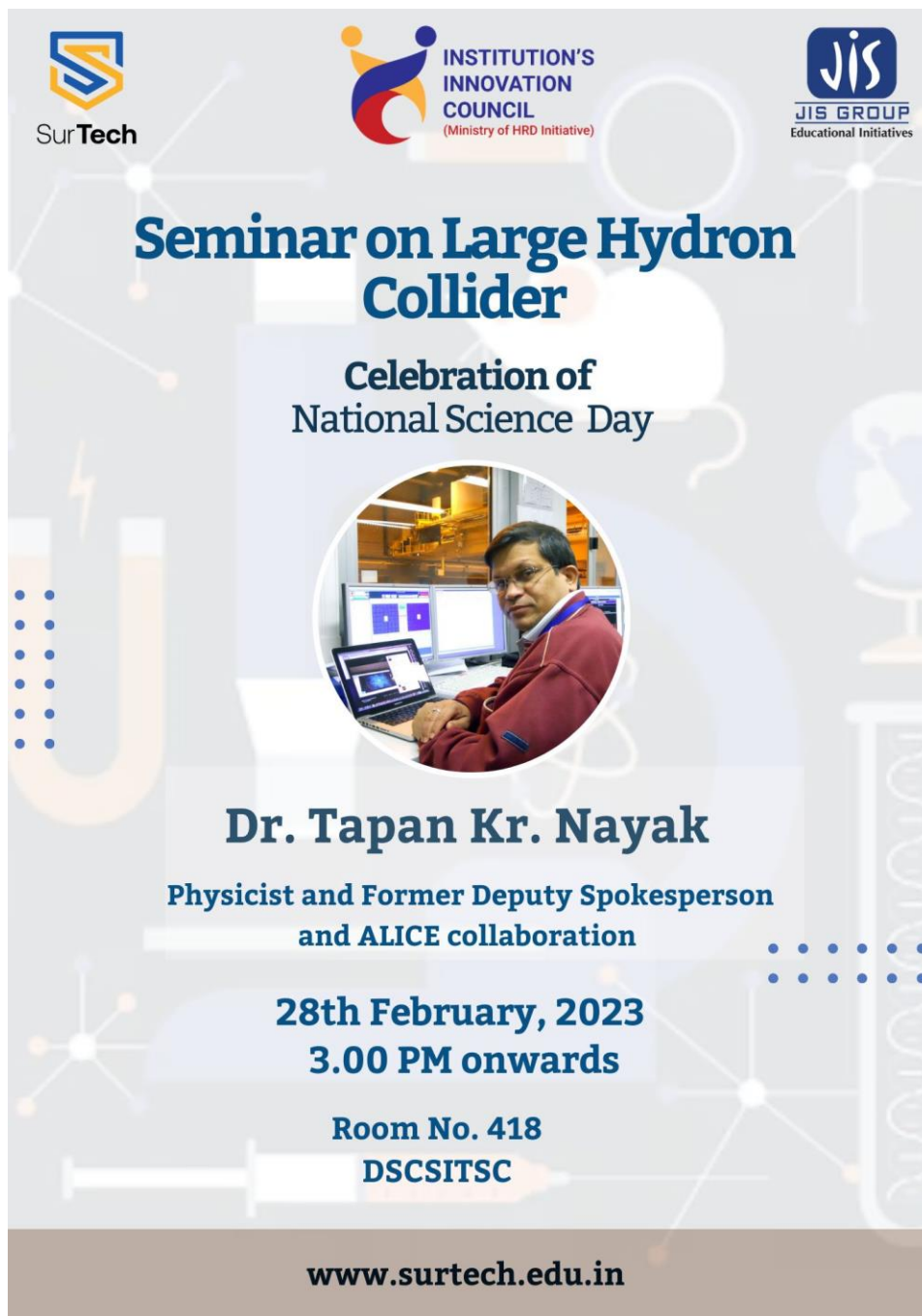
Objective

To celebrate the National Science Day at our Institution campus.

Benefit in learning

The students celebrated the National Science Day by acquiring knowledge in the most important research field of Particle Physics.





The poster features a light blue background with scientific icons like a U-tube, a globe, and a DNA helix. At the top, it displays the logos of SurTech, the Institution's Innovation Council, and JIS Group. The main title is 'Seminar on Large Hydron Collider' in a large, bold, blue font. Below it, 'Celebration of National Science Day' is written in a smaller blue font. A circular inset photo shows Dr. Tapan Kr. Nayak, a man with glasses in a maroon jacket, sitting at a desk with a laptop and computer monitors. Below the photo, his name 'Dr. Tapan Kr. Nayak' is printed in a large, bold, blue font, followed by his title 'Physicist and Former Deputy Spokesperson and ALICE collaboration' in a smaller blue font. The date and time '28th February, 2023 3.00 PM onwards' are listed in a bold blue font. The location 'Room No. 418 DCSITSC' is also in a bold blue font. At the bottom, the website 'www.surtech.edu.in' is displayed in a bold black font.


SurTech

INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)

JIS GROUP
Educational Initiatives

Seminar on Large Hydron Collider

Celebration of
National Science Day



Dr. Tapan Kr. Nayak
Physicist and Former Deputy Spokesperson
and ALICE collaboration

28th February, 2023
3.00 PM onwards

Room No. 418
DCSITSC

www.surtech.edu.in

Session Plan

The Institutions Innovation Council along with the Department of Basic Sciences and Humanities organized the celebration of National Science Day on 28th February, 2023 at the Institution Seminar Hall. The session was organized in a Hybrid Mode, where the speaker was Dr. Tapan



Kumar Nayak, Physicist and Former Deputy Spokesperson with ALICE Collaboration, CERN, Geneva.

The speaker started with the basic idea of the creation of the universe according to the big bang theory. He explained what happened within a few seconds of the creation of the big bang and gradually how the quark-gluon plasma was formed leading to the creation of the hadrons. Now, in the Large Hadron Collider (LHC) experiments scientists are trying to create enormous energy to create those primordial mass out of that to travel back in the time scale to the closest possible time of the birth of the universe that was not being possible by the previously conducted probe experiments, that was also explained very carefully. Finally, he concluded by mentioning some direct impact of the LHC experiments on our society including treatment towards one of the present societal threats like cancer.

At the end of the session the speaker was very keen to interact with the audience, the majority of whom were our students. He answered all the questions coming from them.

Social Media Link

Glimpses of the session can be accessed at:

<https://www.facebook.com/photo/?fbid=670965985037556&set=a.507586581375498>