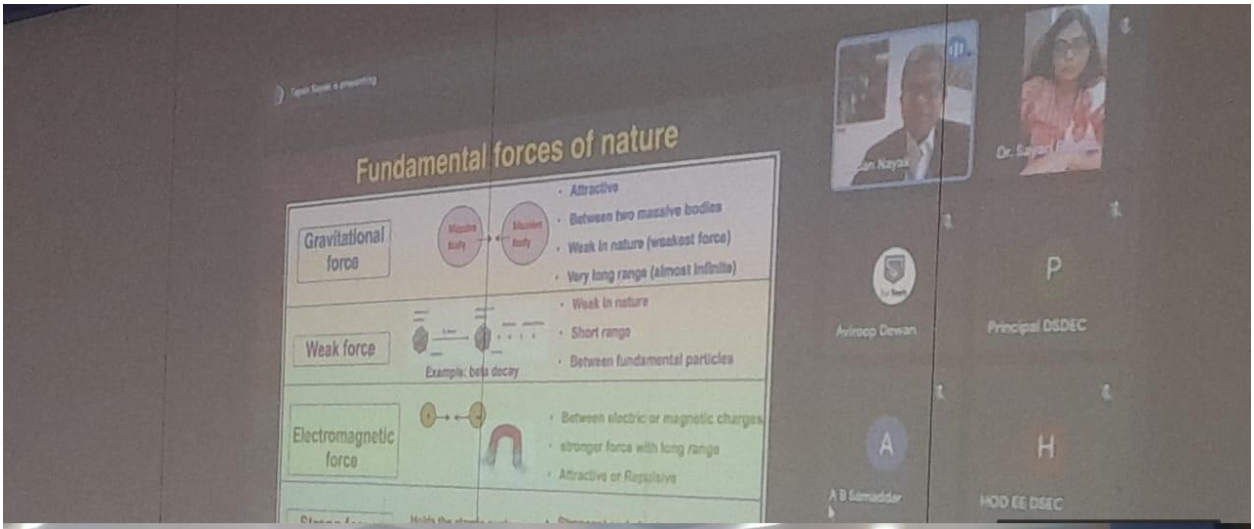
National Science Day
Celebration Activities
Quarter II

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.



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