Event Report: Celebration of Birth Anniversary of Dr. Niels Bohr

Date: 17/10/2025
Venue: KCSA Auditorium
Organized by: KCSA

Introduction

To commemorate the birth anniversary of **Dr. Niels Bohr**, a pioneering physicist known for his revolutionary **atomic model**, the **Kalpana Chawla Space Academy (KCSA)** organized a special educational event. The aim was to honor Bohr's contributions to atomic physics and quantum theory, while fostering a deeper understanding of atomic structure among students.

Event Activities

Session on the Modern Periodic Table

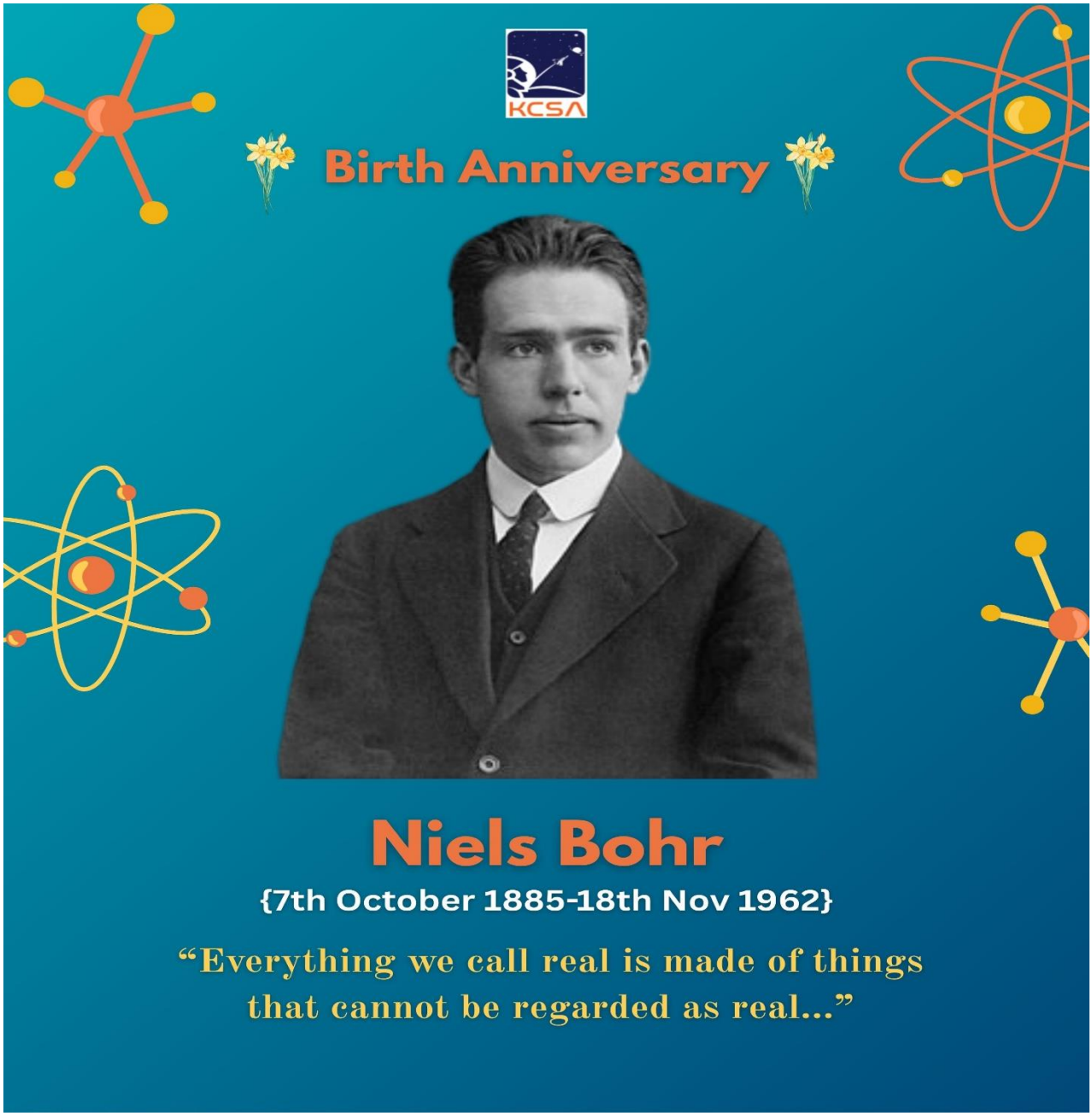
The program began with an engaging session on the **Modern Periodic Table**, led by **Mr. Iqbal Dhalait**, who explained the evolution of the table from Mendeleev's arrangement to the modern atomic number-based classification.
The discussion emphasized the connection between electron configuration and periodic properties, highlighting how Bohr's atomic model contributed to the understanding of periodic trends.

Workshop on Bohr's Atomic Model

Following the session, students participated in a **workshop on Bohr's Atomic Model**, where they constructed models depicting electron orbits and energy levels for various elements. Under the guidance of **Mr. Iqbal Dhalait**, students explored the concept of quantized energy states and emission spectra. The workshop encouraged teamwork, creativity, and conceptual clarity through interactive demonstrations.

Outcome and Outcomes

The event successfully deepened students' understanding of atomic structure and quantum concepts. Participants gained insight into how scientific theories evolve through experimentation and observation. The workshop allowed them to visualize atomic behaviour in an engaging, practical way, reinforcing the importance of **Bohr's contributions** to modern physics.


KCSA
Birth Anniversary
Niels Bohr
{7th October 1885-18th Nov 1962}
“Everything we call real is made of things
that cannot be regarded as real...”


Dream, Dream, Dream.
Dreams transform
thoughts result in
action


Pluto
Moon
Earth


Pluto
Moon
Earth