Mahatma Phule Shikshan Sanstha's

KARMAVEER BHAURAO PATIL COLLEGE,
URUN-ISLAMPUR

DEPARTMENT OF PHYSICS

Date:-09/07/2024

Notice

All the student of BSc-III are here by informed that the Department of Physics conduct the Activity on Birth Anniversary of Nikola Tesla, dated 10/07/2024.

All the student are requested to be present for the Activity.

Venue:-Department of Physics
Time:-12.30 pm to 1.30 pm

Head
Department of Physics
Karmaveer Bhaurao Patil College
Urun-Islampur, Dist-Sangli-415409

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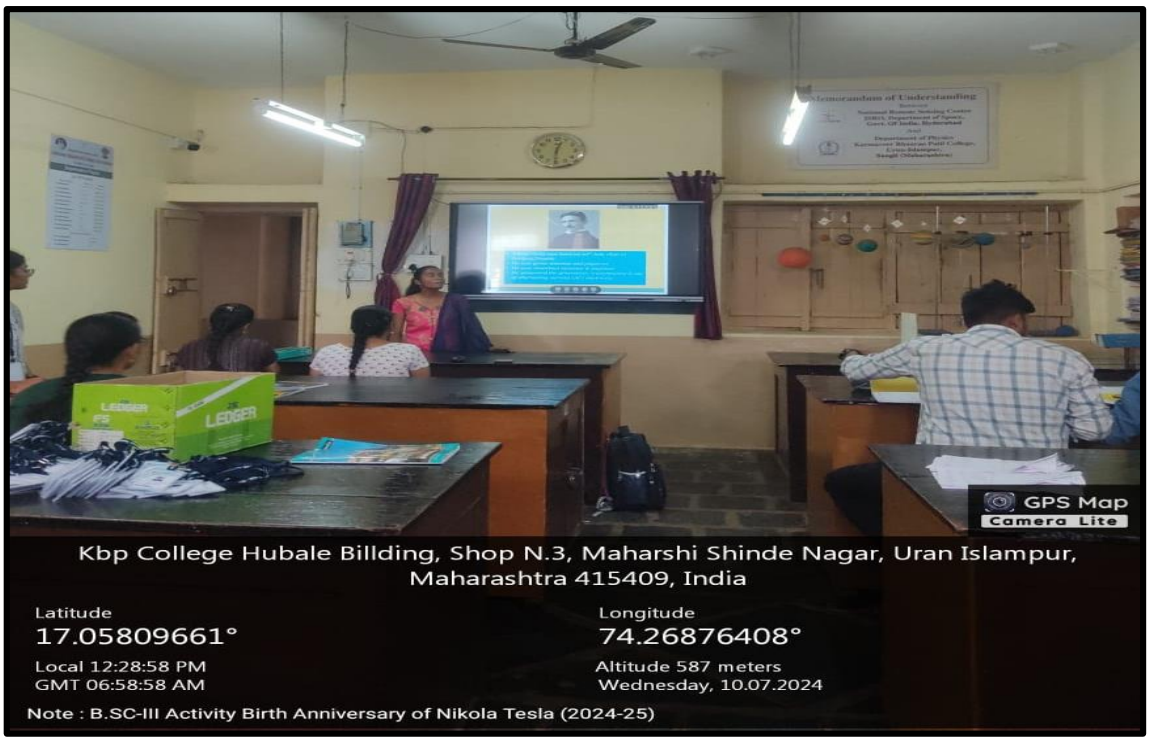
DEPARTMENT OF PHYSICS

Birth Anniversary of Nikola Tesla



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DEPARTMENT OF PHYSICS

Birth Anniversary of Nikola Tesla

Dr. Prakash Chavan discusses the life, contributions, and legacy of Nikola Tesla

Mahatma Phule Shikshan Sanstha's

KARMAVEER BHAURAO PATIL COLLEGE, URUN-ISLAMPUR

DEPARTMENT OF PHYSICS

Birth Anniversary of Nikola Tesla

B.Sc-III Date: 10/07/2024

Report

Sakshi Jagtap welcomes the audience and introduces the activity theme and purpose.

Key point highlights by Dr. Prakash chavan,regarding contribution and invention of Tesla such as,

Tesla is best known for his pioneering work in the development of alternating current (AC) electrical systems. His innovations laid the groundwork for modern electrical power distribution and revolutionized the way we use electricity today.

Alternating Current (AC) System: Tesla's AC system allowed for the efficient transmission of electricity over long distances, unlike Thomas Edison's direct current (DC) system, which was limited in range and efficiency. Tesla's invention of the AC induction motor and transformer was instrumental in making AC the standard for electrical power distribution.

Tesla Coil: The Tesla Coil, invented in 1891, is an electrical resonant transformer circuit used to produce high-voltage, low-current, high-frequency alternating-current electricity. It has applications in radio technology, wireless transmission of energy, and even in entertainment for its spectacular displays of electrical discharges.

The Speech delivered by Mr.Sagar Pardhi also covers a following points like,

- **X-ray Technology**: Tesla conducted early experiments with X-rays, which contributed to the development of imaging technology used in medicine today. He used his own equipment to produce X-ray images, even before Wilhelm Röntgen's discovery.

- **Radio**: While Guglielmo Marconi is often credited with the invention of radio, Tesla's work on wireless transmission of signals was foundational. In 1943, the U.S. Supreme Court recognized Tesla's patents in radio technology, acknowledging his contributions.

Prachi Patil expresses gratitude to the speakers, guests, and participants.

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DEPARTMENT OF PHYSICS

Birth Anniversary of Nikola Tesla

Date: 10/07/2024

Title of the Activity: Birth Anniversary of Nikola Tesla

Resource Person: Dr. Prakash Chavan (Department of Chemistry)

Name of President: Dr. Nitin Shinde

Name of Co-ordinator: Mr. Sagar Pardhi

Number of Participants: 20

Date: 10/07/2024

Title of the Activity: Birth Anniversary of Nikola Tesla

Program Schedule

Event	Person
Welcome & Introduction	Sakshi Jagtap
Introduction of Guest	Mr.Sagar Pardhi
Felicitation of Guest	Mr.Sagar Pardhi
Chief Guest Address	Dr.Nitin Shinde
Presidential Address	Dr.Prakash Chavan
Vote of Thanks	Prachi Patil
Anchoring	Sakshi Jagtap