



Approach

Appreciation and Promotion of Art, Culture and Heritage
Indian Institute of Technology, Kanpur



LECTURE DEMONSTRATION

The Bicycle Renaissance: Where Art Meets Mobility

We will open-up a bicycle (all its parts) and share its exciting history, leading to contemporary designs

Student presenters: Kshiteesh and Shraddha

Faculty Resource (Q&A):

- Prof. Kaustubh Kulkarni, MSE
- Prof. Shakti Singh Gupta, ME
- Prof. J. Ramkumar, ME
- Prof. Sameer Khandekar, ME



REGISTER HERE
(No fees)

Date: September 24, 2023 (Sunday)

Venue: Approach Cell (Academic Area Gate #2)

Time: 04.35 PM to 06:00 PM

(Participants to take their seat by 04:30 PM)

A cycle is a two-wheeled vehicle typically powered by pedals that propel it forward. The evolution of the cycle dates back to the early 19th century when the first pedal-driven bicycle, known as the "Draisine" was invented by Karl Drais in 1817. This early contraption lacked pedals and relied on the rider's feet pushing against the ground to move forward. In the subsequent decades, various inventors and innovators contributed to the development of bicycles, introducing features such as pedals, chains, and pneumatic tires.

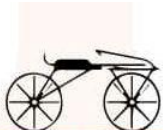


In the late 19th century, a diamond-shaped frame and a chain drive, made it more stable and efficient. The 20th century saw further advancements, including the introduction of gears, lightweight materials, and various specialized types of bicycles, such as mountain bikes and racing bikes. Today, cycles have evolved into a diverse range of designs and types, from traditional road bikes to electric bicycles and specialized models for various purposes like commuting, exercise, and sports



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1820's



1830's



1860's



1880's



1960's



1970's

