



# Smart TV

## English Presentation

# Our Group

A brief about our Presenting Team

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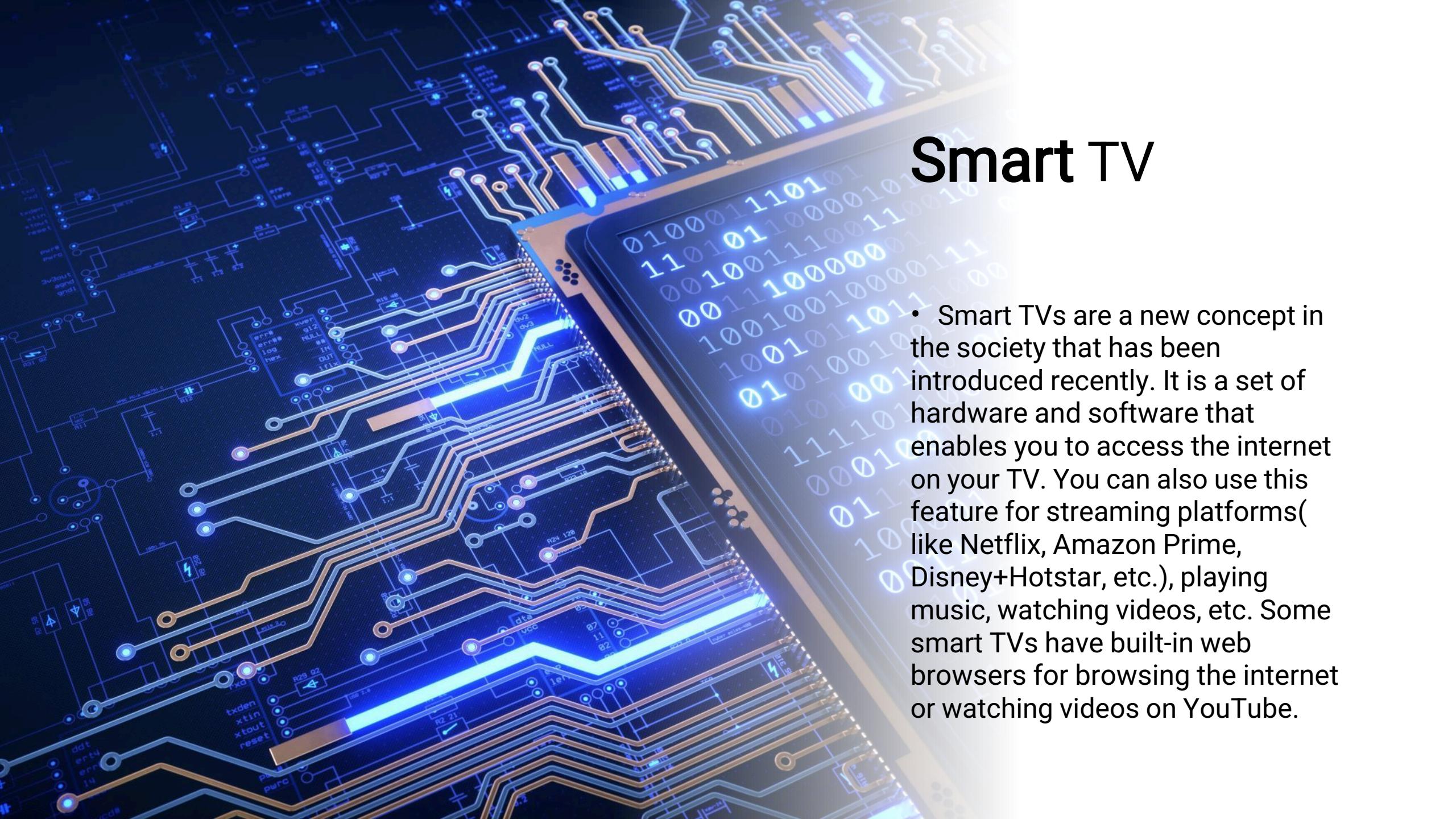
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# Smart TV

- Smart TVs are a new concept in the society that has been introduced recently. It is a set of hardware and software that enables you to access the internet on your TV. You can also use this feature for streaming platforms( like Netflix, Amazon Prime, Disney+Hotstar, etc.), playing music, watching videos, etc. Some smart TVs have built-in web browsers for browsing the internet or watching videos on YouTube.

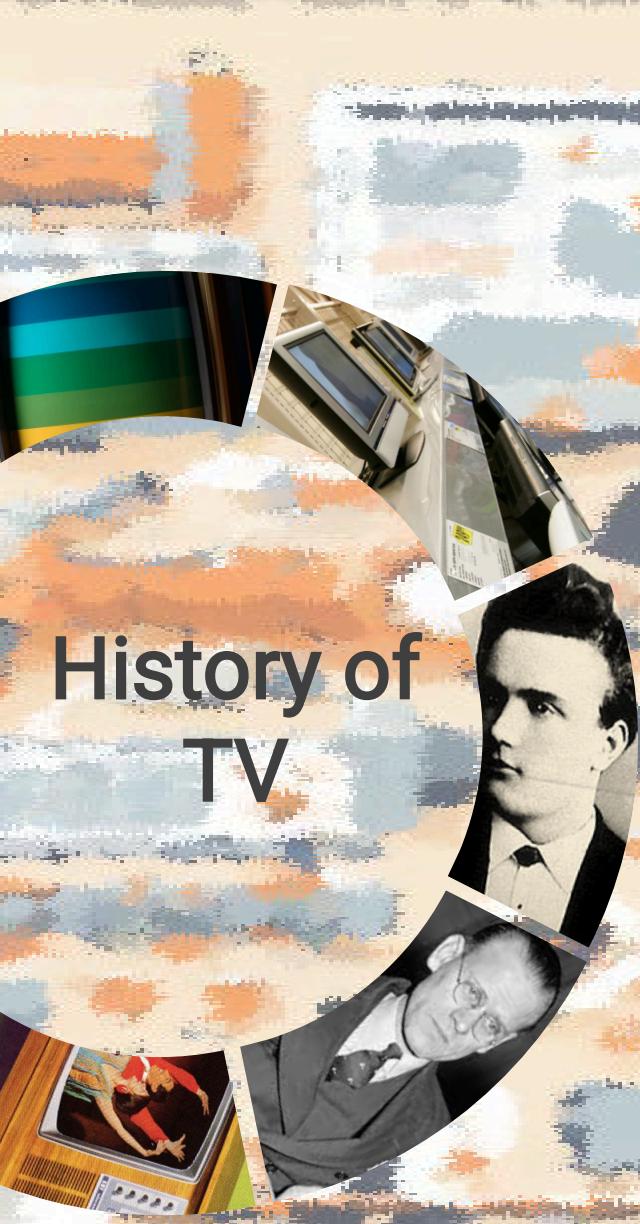
# Statistical Data of TV viewers of past 5 Years

This is the data of TV viewers in Billions!! In past 5 years



# History of TV





History of  
TV

The invention of the television,  
cannot be  
Credited to a single person, as it  
Was a collective contribution of  
various scientists

# *Paul Nipkow*

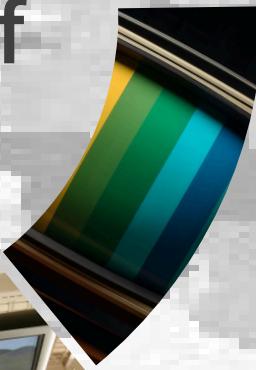
## History of TV



### The first ever Television

In 1884, Paul Nipkow came up with a system of sending images through wires via spinning discs. He called it the electric telescope, but it was essentially an early form of mechanical television.

# History of TV



## The Growing Popularity

By the 1950s, television had truly entered the mainstream, with more than half of all American homes owning TV sets by 1955. As the number of consumers expanded, new stations were created and more programs broadcast

# History of TV

## Color Television

color tvs came to existence in the 1960s but it took a while to gain popularity as they were costly back in the day.

In india the color TVs were introduced by 1980s

# History of TV



## Digital Television

Digital Television was first introduced in the 1990s. They use digital signals to transmit images and sound. They provide better sound quality and have become increasingly popular.

# Principle



A smart TV combines a traditional TV with a built-in operating system and internet connection. This lets you access streaming services, browse the web, use apps, and view content from other devices on your home network, all without needing a separate streaming device.



# Working

Smart TVs are like TVs with smartphones built-in. They connect to the internet, letting you stream shows, use apps, and browse the web. You control them with a remote or even voice commands. Think of it as a regular TV with a whole lot more entertainment options!

# Types Of TV

On the basis of display  
technology

# LCD TV

A Liquid Crystal Display (LCD) TV is a type of flat-panel television that uses a liquid crystal solution sandwiched between two layers of glass or plastic to create images. It is the cheapest form of tv nowadays.



# LED TV

LED TV is the most common type because it's cheaper to manufacture than other technologies like QLED or OLED TVs. It uses a backlight that emits light from behind the screen to generate a high-quality viewer experience. The thin and sleek models are ideal for watching it during the day.

# OLED TV

OLED TVs are the best smart tv in the market. OLED TVs have excellent picture quality and contrast ratio with deep blacks and vibrant colors. The color accuracy is also fantastic because it's designed to produce perfect whites, yellows, reds, and blues by using organic light-emitting diodes (OLED). These are relatively the most expensive televisions.

# QLED TV

QLED TVs use quantum dots and light-emitting diodes to produce rich, vibrant colored lights on televisions. These are better in performance compared to LED TVs and can be subpar compared to OLED.

App Support



Voice Control and  
Virtual Assistants



Screen Mirroring  
and Casting



## Advantages of TV

There are many  
advantages of a Tv

Improved sound  
quality



Improved picture  
quality



Benefits for media-  
streaming  
companies



Cost



Increase in  
Electricity Bills



Dependency on  
Internet Connection



## Disadvantages of TV

There are many  
disadvantages of a Tv

Complexity



Wastage of Time



Increasing screen  
timing for people





# Future Aspects

Imagine TVs that learn your taste, recommending shows and personalizing your experience. AI and voice control will be even more seamless. Virtual reality might add a whole new immersive dimension, while the smart TV becomes the center of your connected home.



# Conclusion

Smart TVs revolutionize entertainment, offering endless content choices and seamless connectivity. From streaming favorites to web browsing and gaming, they transform your living room. Consider your needs when choosing – picture quality, features, and budget. The future of TV is here, are you ready to be smart?

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# THANKYOU

