

# HORIZON

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**Correlation Between  
Social Media And  
Communication**



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# FROM THE EDITORS

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**Sandeep Jacob**

**Rahul K Milan**

**Mahesh V C**

We the editors of the magazine would first like to express our special thanks and gratitude to the Computer Science Department for giving us this tremendous opportunity to create this magazine. Next, we would like to thank all the authors, poets and artists for their abundant contributions.

Here we have put together a variety of articles about recent advancements from the world of technology to articles on woman empowerment, mesmerizing poetic verses and a small collection of some beautiful art works created by our fellow students.

Hope you have as much fun reading this magazine, as we had creating it.



# **CORRELATION BETWEEN SOCIAL MEDIA AND COMMUNICATION**

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**AVANTHIKA ANAND (S3 CS1)**

Advances in information technology have drastically transformed how people interact. Furthermore, the rising popularity of social media continues to improve people's perceptions of their interlocutors and their capacity to reach a large audience when needed. The way people perceive social media varies greatly, and the reasons for these differences should be explored in order to completely comprehend how social media improves communication abilities.

The impact of social media on a person's growth and capacity to communicate with others have proved divisive. It has lately become clear that excessive social media use and the easy access to any material online can substantially impair our communication skills. The frequent occurrence is even referred to by some academics as "digital dementia". The actual advantages of such networks may already be seen in daily life, despite the fact that various studies have criticized social media's enormous popularity and societal influence.

When a person is placed in a whole new situation, they must learn to adapt to it and figure out how to build healthy connections with other people. People have the opportunity to learn about different cultures thanks to the large number of of micro-societies that are represented by numerous communities and groups on social media. As a result, we learn the abilities needed to interact with various social groups. People improve their communication and listening skills, which benefits civic society.



The ability to communicate with hundreds of individuals has become a profession in and of itself as a result of automation and stagnant wages.

More and more individuals actively participate in it, and as a result of daily practice and the requirement to create amusing and engaging information, their efforts improve their communication abilities.

Modern social changes are being implemented in large part thanks to social media. To succeed in the majority of areas of life, one must learn to be more accepting of others and work with all types of personalities. Furthermore, society anticipates that everyone will quickly adapt to such a strategy. The simplest, quickest, and most affordable method to grasp this crucial component of soft skills should thus not be overlooked. To properly comprehend how social media improves communication, it is important to take into account the factors that drive the various perceptions of social media.



# HUMANOID ROBOT

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**GOPIKA SATHEENDRAN (S3 CS1)**

Humanoid robotics is an emerging and challenging research field, which has received significant attention during the past years and will continue to play a central role in robotics research and in many applications of the 21st century. Ambitious goals have been set for future humanoid robotics.

Humanoid robots are professional service robots built to mimic human motion and interaction. Like all service robots, they provide value by automating tasks in a way that leads to cost-savings and productivity. Humanoid robots are a relatively new form of professional service robot.

Humanoid robots are being used in the inspection, maintenance and disaster response at power plants to relieve human workers of laborious and dangerous tasks. Similarly, they're prepared to take over routine tasks for astronauts in space travel. Other diverse applications include providing companionship for the elderly and sick, acting as a guide and interacting with customers in the role of receptionist, and potentially even being a host for the growth of human transplant organs.

The earliest humanoid that was academically reported is Kato's WABOT-1 (WAseda roBOT-1) that can walk, recognize an object, and manipulate it by hands.

Although it could perform only in slow motion, it is anyway amazing that such a complete humanoid robot had already been developed more than 40 years ago. Meanwhile, Honda R&D had launched a secret project on humanoid robots in 1986 and unveiled P2 (Prototype 2) humanoid robot in 1996 as a result of ten years of hidden research. Soon after in Japan, a national project called HRP (Humanoid Research Project) was started with Honda as a partner among other private companies, in order to develop humanoid robots. Honda continued to evolve their humanoid robots into Prototype 3 and finally ASIMO (Advanced Step in Innovative MObility) .

Sophia, a humanoid robot developed by "Hanson Robotics", Hong Kong, and modelled after Audrey Hepburn. Sophia has artificial intelligence, visual data processing and facial recognition.





# WEB3

## JUST A BUZZ OR THE FUTURE OF INTERNET ?

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**ASHWIN SIVASANKARAN (S5 CS1)**

### **Web3?**

Web3 also referred as Web 3.0 is the concept for the new decentralized internet. Now the internet will no longer be centered around the so-called "FAANG or Big Tech". The term was coined by Ethereum coin co-founder Gavin Wood. The term was buzzing ever since through large tech companies, crypto-enthusiasts and VC Firms. Unlike Web 1.0 that was about open protocols and static web pages or Web 2.0 which opened the era of the internet as a platform for sharing and communication,

Web 3.0 opens the new phase of the internet. Data security, privacy and scalability based model build on blockchain.

### **Why Web3??**

To make the internet decentralized, safe, accessible, and secure privacy for the entire mass. We have seen how our data is important and how the big tech companies are using them and marketing to create personalized but not so-ideal user needs.

The Internet has become so big that the identity of something on it cannot be claimed. Artists may lose their rights over their digital arts, users lose their data and privacy. So to make real identified assets we need technologies like blockchain and NFT on the web.

## What does Web3 aim to bring?

- various cryptocurrencies
- decentralized autonomous organizations (DAOs)
- non-fungible tokens (NFTs)
- smart contracts

## What's Cryptos have to do with Web3?

All the early blockchain-based products will be crucial for Web3. Some web2.0 companies and communities are finding provisions to incorporate cryptocurrency tokens to make users shareowners of the firm allowing users to get special benefits.

NFTs are the other integral part here. The special unique kind of token to hold the certificate of ownership of virtual objects on the web. NFTs could become the building blocks for Web3.

## On final note

We have seen and experienced the power of big tech companies, governments, and central banks in changing the entire perspective of the world, for good or bad.



But there is less space for free-speech on the internet, anything against these superpowers could go down in seconds off the web. So Web3 or any decentralized tech is the need of the century. The monopoly of the big tech should not prolonged. Web3 will create a more rational and liberal space on the internet.





# EMPOWERMENT OF WOMAN

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## AKSA (S5 CS1)

"Feminism isn't about making women stronger. Women are already strong, it's about changing the way the world perceives that strength."

G.D. Anderson

Women's empowerment can be defined to promoting women's sense of self-worth, their ability to determine their own choices, and their right to influence social change for themselves and others. It is closely aligned with female empowerment- a fundamental human right that's also key to achieving a more peaceful, prosperous world.

A vital essential step toward achieving sustainable development on a global basis is the empowerment of women. Giving women access to microfinance services is one way to encourage their economic independence.

However, contradicting results are produced by empirical data on its effectiveness.



A three-dimensional model of women's empowerment is proposed in order to take into account past findings and offer a fuller understanding of women's empowerment in the context of microfinance services.

This paradigm states that women's empowerment can take place along three different axes: the micro-level, which is defined as an individual's distinctive thoughts and behaviors and where personal empowerment can be seen; the meso-level, which is defined as actions and ideas in relation to pertinent.

There are many additional ways to empower women. To make it happen, the people and the government must work together. It is necessary to make education for females mandatory so that they can acquire the necessary literacy skills to support themselves.



Regardless of gender, women must be offered equal chances in all fields. Additionally, they must receive equal compensation. By outlawing child marriage, which is unfortunately still prevalent in some remote parts of our country, we can empower women.

Different programs must be offered so students can learn how to support themselves in the event of a fiscal crisis.

Women have more freedom now than ever before. They have the freedom to choose. But there is still a long way to go. Women must speak out against the oppression of women through religion. Not all military positions are open to women. In the entertainment sector, in sports, and in regular occupations, there is a wage difference. The injustices that women have faced since the onset of time must be put an end to by using their challenging strength.



# A FAINT FLAME

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## CLARIS (S3 CS1)

As my eyes move back and forth  
Hypnotizing are the littlest of all  
The cuckoos first sunlight  
Dew drops and changing leaves  
Tiny feet dragging on muddy shoes  
And sky's art at its best  
Beauty in all places  
Even where the sunshine is dim

Though all of it fades  
When monotony sets in  
While running a race  
Whoever may win

Each day,  
The world awaits for  
Sweet kindness to drop by  
Each day,

The same yet different  
Each day,  
Hoping for a new dawn  
Endearing to some  
Dreadful to other

With all the uncertainties,  
A mystery arises  
I wonder what keeps  
Fueling for tomorrow

Cause some days,  
When the questions flood in  
I wish for the storm to cease

Is the sunset too beautiful to miss?  
Is it the empty promises?  
Aren't the days too mundane?  
Aren't we all just passing by?

Yet I admit,  
Amidst all lingering worries,  
From time to time  
Comes something mesmerizing

When time slows down  
A breath of calm sets in  
Perfectly still  
Like a warm hug  
Comfortably nested in  
Silently soothing the soul

The unfinished painting  
The unread stories  
Not of worry

For all I know,  
Moments like these  
Keeps us staying





## ART CORNER



**ANANDU KP**



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