



**LORETO  
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**I.C.T  
SOCIETY**

**Seventh  
Edition  
2013 - 2014**



**CONNECT**

## **FROM THE PRINCIPAL'S DESK**

In an age when creativity and technology meet innovations in the field abound. An area that has developed much over the years is 'helping people find people' to meet the needs of human interaction and enable connectivity between friends and family... anywhere, anytime, everywhere... all the time.

Information Communication Technology has had its transformative effects in all areas of economy and society and has brought into association in a wireless world through cloud computing and high-speed networking. Assistive technology – the media bringing people closer, advances in technology in medicine, in business, at home, at work, through the ingenuity of entrepreneurs in ICT is commendable. What Thomas Freidman called 'a flat-world,' a paradigm that influences how we connect with members of other cultures and languages are now a reality.

Congratulations to the young authors of Connect 2014, who under the guidance of their Staff Advisors Ms. Swati Chatterjee, Ms. Chandrani Sengupta, and to the ICT Society Office Bearers- Kathakali Abhijeet Ghosh, President, and Mehr Chakraborty, Vice-President have researched and reflected on how innovation integration and optimisation in ICT and have left an imprint in every culture.

Sr. Christine Coutinho

## **FROM THE STAFF ADVISORS' DESK**

The ICT Society has always been instrumental in imparting enriched knowledge regarding latest developments and innovations in the field of technology. This year, the society presents their in-house journal "Connect", highlighting the technology of connecting people living the digital lifestyle. For them technology is a good way to reconnect with people, a good way to wind down and a good way to stay in touch.

The enthusiasm of contributors has enabled us to present the sixth edition of this journal. We thank the ICT Society President Kathakali Ghosh, Kathakali Abhijeet Ghosh, President, and Mehr Chakraborty, for their sincere and ardent effort and our Principal, Sister Christine Coutinho for making this venture a success.

Mrs. Swati Chatterjee

Ms. Chandrani Sengupta

## **NOTE FROM THE EDITOR'S DESK**

Loreto college is home to many societies, of which the "Information and Communication Technology", i.e., the ICT society forms an integral part. The sole goal of this society is to educate students about the various facets of the latest developing technologies that are taking over the world by storm and are influencing our lives in a diverse way.

This year we tried to highlight the technology of connecting people where communication is the best way to build relationships. Various technology-based social networking sites allow people to reconnect with people. This ushers in an era wavelength communication and relationships, where people may not even have come face to face with each other but what binds them and brings them intellectually near one another is this technology.

President: Kathakali Abhijit Ghosh

Vice-President: Mehr Chakraborty

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# Technology Connecting People Round The Globe

“Connecting. . . . Social isn't about applications and technology. We don't spend time talking about how telephone work but use them to establish and build relationships”- David Janoff

True to the above quote one does not and has in fact never pondered over the fact that what covers the scope of a technology but instead what people do is communicate among themselves. Communication is the best way to build relationships. It is the method by which a person becomes more social with people around him.



Today technology is not only confined with the usual television, computers, internet and the mobile phones but it has gone a step ahead with introduction of what is called modern day technology or those which would dominate the technological scenario in the future. In fact not only will it dominate the technological scenario but it will also dominate the cultural activities that people undertake and interpersonal or group communications and relationships worldwide.

Earlier in a party people used to sit in groups talk to one another have food and listen to music or watch television programmes. Today, especially among the youth the crowd is present around the person who has the latest phone or I-pod with all possible features in it like internet, social networking, free chat , photo editing software's and



all. One can thus say that today, a mobile phone has become less of the telecommunication device which it was initially launched as and more of a mini computer which one can carry with himself anywhere.

Speaking of social networking, it is probably the best and the most widely used dimension of technology. Sites like Facebook, Twitter, LinkedIn have connected people across countries and boundaries.

There is not only cross cultural exchanges but a person becomes more liberal and open minded to others. They get to know about the people, customs and traditions of other countries and cultures. This ushers in an era wavelength communication and relationships, where people may not even have come face to face with each other but what binds them and brings them intellectually near one another is this technology.

Though now it has become very clear through the above discussion that technology truly bridges the distance between people and countries. Yet few questions still remain unsolved. Is it technology from which certain groups draw influences for committing crime in an advanced state? Can this cultural exchange lead to dangers of communication and information sharing which might lead to terrorism or violence of some kind or the other in the future? Would this intermingling of culture give rise to customs which would be a mixture of one's own and adopted culture from other countries ultimately leading to the loss of identity of the individual and a gradual decline in the traditional culture? Are the people so addicted to technology that they fail to sense what is immediately around them? Are people so engrossed in all these mediums that they are slowly losing their ability to think and rationalise and come out with opinions of their own?

All these questions are meaningful in the long run. As time goes by and more and more people become aware of these factors they are sure to ponder about them and try to balance the natural, traditional, customs and immediate surroundings with the external facilities provided by technology.

**Subhardrika Sen**

**Political Science (H), 2nd Yr.**

# Technology And Mankind



In modern days, life without technology is considered to be unworkable. The revolution in information and technology, World Wide Web, scientific and technological developments have all brought about a drastic change in the lifestyle that man lives today. Radio, T.V., Films, Newspapers, and Journals etc., are the various forms of the main media for communication. The importance of these can hardly be overlooked. They play a vital role in the dissemination of knowledge and information, formation of public opinion, national integration and removal of superstition. But above all, technology today has played the most important role in bringing the people close each other which expresses itself in the form of national integration as well as global integration.

In early days, people had to travel long distances in order to reach a place. The mode of transport used to be very remote and simple. But today the developments of automobiles and vehicles have made it possible for men to travel long distances within a short period of time. Further, today, not only roadways but airways have also developed to commute people. Also it is seen that today technological development has enabled people to send satellites into space and conduct research programmes. All this has lead to broaden the mental horizons of the people.

Further it can also be said that developments of radio broadcasting which started in India in 1927 has also facilitated the process of bringing the people close to one

another. People today have access to the same information through the radio, television and most importantly, the internet. Today through the internet, and more specifically the social networking sites like Facebook, Twitter, and Orkut, people living in different parts of the world can talk and communicate with each other across the globe. This has led to the phenomenon whereby most of the people today are aware of what is happening in the world. The different cultures of the people, different types of lifestyles, food habits, etc.

In today's world, technology has become an inseparable part of our lives. Today the effect of globalization has had its impact on all aspects of our lives. Cultural globalization for instance has resulted in the same trend of culture throughout the globe. Today people have the same food, listen to the same music and watch the same programmes, which is a direct impact of technology on our lives. Information regarding a natural calamity, war, external aggression, etc., is spread by means of the television, radio, journals, etc., which is a benefit of technological development which has added to the process of integration of the people.

In all these ways, we can conclude that technology has definitely brought the people close to each other and brought them 'Pass Pass'.

**Nasreen Parvin**

**Political Science (H), 2nd Yr.**

# Technology Connects People – My View

## **Year 1969:**

Roy Household: Its 9 PM. Ajitesh Roy has not returned from his tuition. Mrs. Roy, his mother, is getting increasingly concerned and agitating. All she can do is wait and pray. Gupta Household: Ashwin has his exam the next day. He has something very important to ask his friend, but his landline has gone dead. Helplessness looms large. Joshi Household: Preeti has to slog for hours in the only library in the area for the notes and study material she wants in order to ace her exams or go to her friend's house to discuss.

**Year 2014 (After the technological boom!!):** Roy Household: Sukanya calls her son Abhimanyu because its 9 PM and he still isn't back from his tuitions. He says he will



reach in 10 minutes. Sukanya is relieved. Ajitesh sees this and realizes how technology has given relief to his daughter-in-law which his mother never experienced.

Gupta Household: Neerav has his exam the next day. He has something very important to ask his friend. He takes his phone and whatsapps him. Problem solved. Ashwin goes back to the time

when that respite was not available to him as it is to his nephew. Joshi Household: Namrata googles all the information she needs for her tutorial the next day. Preeti feels her young daughter does not know the pressure of slogging in the library. Namrata fees her mother does not know the pleasure of getting things easily. And of course she spends the rest of the time on Facebook chatting with her friends.

3 Stories. 3 Different households.

1 basic difference. 1 thing evident.

How technology connects and makes lives easier.

Theirs, Ours, Everyone's.

**Garima Sharma**

**English (H), 2nd Yr.**

# TECH-STRUCK

A soldier lay in his tent thinking wistfully of his daughter who was a 1000 km away. It was her birthday. She turned 5 today. "Won't you wish me Papa?" a jovial young voice filled the tent. Startled, the soldier leapt from his bunk – to find his daughter waving at him – from the SKYPE screen on his left open battered laptop...

SKYPE is just one among the umpteen network tools that contributed to the "technical boom" on which the 21st century strives today. Physical distance is not perceived as an invincible barrier anymore. The satellite receptors have congregated our lives in a single unified space. When the telephone was first invented in the 1870s by Alexander Graham Bell, it was hailed as glorious as the 8th wonder of the world! The euphoria ceased a little as soaring telephone bills hindered prolonged conversations. The limitation of the telephone not being portable was soon effaced by the arrival of cellular or mobile phones. According to the estimation of Key Global Telecom Indicators for the World Telecom Service Sector (2012), about 6835 million people over the world have cellular phone subscriptions and India accounts for nearly 59.7 % of mobile phone users.

The term "INTERNET" is synonymous with "telecommunication". Long gone were the days when letters tied with pink ribbons were anticipated with enormous patience! Alongside "EMAIL", the reign of the "SMS" kingdom entered into force. A new language emerged; contracting our words into type friendly shortened syllables [tmrw, thnx, btw, c ya, gdn8...] this extraordinary SMS language predominated our flow of

communication where people are held together by the thread of "TEXTING". As stated by the Portio Research in 2012, about 7.8 trillion SMSes were sent in 2011. The younger generation readily adapted itself to this phenomenon while the older generation grumbled about the closure of the TELEGRAM service. The magic of telecommunication galloped on at a terrific pace and Lo Behold! There popped out a rabbit from the hat of the magician Mark Zuckerberg whose idea of social networking moulded the entire conception of virtual communication. The world evolved itself struck by the bewitching spell of "FACEBOOK". And it did create magic! FACEBOOK provided us a platform to unite and reunite, to be aware and





informed of events occurring in the lives of close ones as well as of distant, remote acquaintances.

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extraordinary SMS language predominated our flow of communication where people are held together by the thread of "TEXTING". As stated by the Portio Research in 2012, about 7.8 trillion SMSes were sent in 2011. The younger generation readily adapted itself to this phenomenon while the older generation grumbled about the closure of the TELEGRAM service. The magic of telecommunication galloped on at a terrific pace and Lo Behold! There popped out a rabbit from the hat of the magician Mark Zuckerberg whose idea of social networking moulded the entire conception of virtual communication. The world evolved itself struck by the bewitching spell of "FACEBOOK". And it did create magic! FACEBOOK provided us a platform to unite and reunite, to be aware and informed of events occurring in the lives of close ones as well as of distant, remote acquaintances.

The virtual globe progressed further to discover "TWITTER" – an omniblogging site which rendered the fans the amazing privilege to "follow" the "tweets" of their favourite celebrities. "BLOGS" and "VLOGS"(video blog) not only offered an opportunity for sharing one's opinions, views and experiences but also played a mighty role in the flourishing of Online Education. According to the SLOAN CONSORTIUM and BABSON Survey Research Group, over 6.1 million students took at least 1 online course during 2010 fall term, observing an increase of 560,000 students over the previous year.

All of the above mentioned forms of telecommunication, along with the recent inclusion of "WATSAPP" also brought unknown people from all over the world to participate in a common propaganda. A striking instance is the numerous protest marches organized across various cities of the country to condemn and seek justice for the December 16th Rape Case in 2012. In Kolkata alone, nearly 6 lakh people

assembled, and the major source of information was provided by the social networking sites, which also started online petitions.

Needless to say that technology has its own share of woes. The perks of telecommunication have confined individuals within the periphery of their gadgets and the glowing pleasure of personal interaction is fading fast. But every coin has two sides. The extent to which technology has brought our lives closer certainly outweighs its demerits. Hence, if Shakespeare had composed MACBETH in the 21st century, then instead of the opening lines

When shall we three meet again

In thunder, lightning or in rain.

He would have written-

When shall we three meet again?

In Instagram, Facebook or Gmail !!!

**Ragesree Roy**

**English (H), 2nd Yr.**

# TECHNOLOGY CONNECTS PEOPLE TOGETHER



We are all living in the 21st century which is well known as the 'age of technology and information' as the revolution in Information and technology has taken place it has marked the beginning of a new phase. Technology is the sole requirement for human existence in today's competitive world. Without technical advancements, it will be near to impossible to survive in today's modern world. In recent years, there have been dramatic changes in how people use technology to connect and share experiences with each other. People are increasingly sharing bite-sized content (a short text instead of a long email), capturing experiences in new ways (not just photos and videos, but also gaming, exercise, travel) and, they are always "on" (accessing any content through multiple devices anytime, from anywhere).

As Martin Luther King Jr. has well said about the use of technology in staying connected "today our very survival depends on our ability to stay awake, to adjust to new ideas, to remain vigilant and to face the challenge of change. The large house in which we live demands that we transform this world-wide neighborhood into a world – wide brotherhood. Together we must learn to live as brothers or together we will be forced to perish as fools." First off all, Social Media, when used correctly, is about being 'social' a way to socialize .When we boil social media down, we find that it is using technology to stay connected and maintain relationships. Indeed technology gives people more ways to stay connected. As the world gets more comfortable with using technology to communicate, we are able to build more innovative ways to stay in touch with people.

In modern days, unlike the past, families are spread all around the globe. This makes people have less contact with their own family members, who they don't even see very often, and be awkward when they see each other one day. "...using email and chatting software, connecting with family and friends who are far away geographically is cheaper and easier than calling or writing letters", Stanford University stated and it is indeed true. The price is way cheaper and takes much less time. When we go out of the "family" situation, the Internet also can give both individuals and businesses more opportunities than ever before to extend their networks and reach out to people they may otherwise never meet. Like this, the Internet brings people close together.

Facebook provides an excellent example of how relationships can bloom and grow on the Internet. We have reconnected to countless friends from college and high school. We can see what is going on with them via status updates and notes (often blog posts). We can converse quickly through wall posts, chat and direct messages. We can check our network on our mobile device and interact from wherever we might be. We have a birthday calendar that helps me cheer on those who have made it to the next milestone in life. I can network through Facebook on group message boards and get invites to upcoming events. While there are drawbacks to a walled community like Facebook, truthfully, it has changed the way we socialize with many friends, new and old.

As a tool for communication, social media can also organize a distinct community. For those who cannot find people with commonality can use media to make human connection. They can open up entirely new worlds through modern social technology. Getting involved in groups can deliver composure to one's mental health. Furthermore, they can carry their interaction into face-to-face relationship. Rather than isolation, the sense of relaxation will be conveyed for using the benefits of social media. Chairman of Microsoft, Bill Gates stated, "The Internet is becoming the town square for the global village of tomorrow," As he mentioned, media access allows people who has been isolated, and less socially comfortable, to create, participate, and share their community thoroughly. Social Media indirectly lets people experience fresh ideas all over the world. Since internet is filled with massive amounts of information, and full of variety, it can connect people more tightly. Especially for people who live in an isolated area, where there are extremely limited opportunities to face diverse personalities, can encounter various aspects through media. Not only this Social media also helps to mobilize the masses towards a cause and can also bring about a revolution in society for example the Facebook played a key role in spreading ideas and information across borders which led to the Arab Spring and finally overthrowing of autocratic rule in various Arab countries.



Some may argue that the opportunities for human interaction are curtailed because of advancements in technology. They attribute their statement to the fact that, humans do not involve in face-to-face interaction. But, this claim is shattered by the new upcoming developments, some of them including: video conferencing, answering calls in mobile phones by means of 4G technology etc... As technology evolves, it will even create a form of communication in future, which exactly resembles direct interaction

with other people. When it happens, communication will transcend boundaries and people will not at all need to move out of their seats. So I would argue that there are technologies that can bring people closer together. Our world is moving more and more toward a communicative, interactive Web which in turn will hopefully result in stronger relationships, with friends, family, coworkers, vendors, partners and customers.

**Syeda Nada Qadri**

**Political Science (H), 2nd Yr.**

# How Technology Connects People Together

Technological progress has made the world smaller and connectivity greater. The various modes of technology available to us today, have only helped in making one's life simpler and easier. Technology allows people living in different parts of the country, even the world to connect together within less than a minute. Various applications like Mailing, Skype, Facebook, Whatsapp and Twitter are some of the major examples of the fact that communication in today's world is much easier than before, even better.

Technology has allowed one to evolve out of the closed world into the world of opportunities and possibilities. People today can study online and also give online exams opening wide opportunities and proving the slogan that if you can't go to education, education comes to you. Technology has not limited itself to just a social form of entertainment. It has made things easier for one and all.

The major role that technology has played is in bringing people together. In today's world of immigrants and emigrants the world is becoming smaller and people of all casts, creeds and colors alike can be found in any part of the world. But with this separation over vast miles one cannot forget the relations one makes, of friend and family. Thus, the growing technology has made it very easy for one to stay in contact with one another. Phone calls have now become cheaper than ever, letters use to take time, now Mailing requires just a few seconds, Skype allows video chat, Facebook allows sharing of statuses and pictures, Whatsapp is instant messaging, while Twitter allows you to follow the entire world. Friends of friends, become friends and each day you know one more person.

Not only this allows one to appreciate, one's opinion. It gives put forward an allows one to feel a picture. Here I would phrase posted on the halls during the are listening if you



technology also communicate, disapprove and voice one an opportunity to opinion and also part of the bigger like to mention a screen of Inox movie interval, it goes: we have to say

something nice, and we are listening harder if you have to say something not so nice. This allows room for self growth and proves that communication helps in mutual benefit. It allows the movie chain to improve and allows the viewers to reap better result. This was just a menial example of the vast array of benefits that technology

has provided us with. The system of public response is only made possible and organised due to the growth of technology.

Technology has permeated into almost all sectors of employment today and it has allowed formality and informality to bloom as required. Technology has opened vast gateways to meeting and knowing new people. It has surpassed the differences of borders and has proved to be an advantage for all alike.

**Raveena Chandarana**

**English (H), 2nd Yr.**

# QUIZ

---

1. **What type of software is used for the creation of letters, papers, and other documents?**

- Database
  - Word Processor
  - Spreadsheet
  - Operating Program
  - Windows
- 

2. **What is any piece of computer hardware that displays output after the computer has processed the data or information that has been input?**

- Microprocessor
  - Motherboard
  - Circuit
  - Output device
  - Search engine
- 

3. **What is a large collection of data stored in a computer? You might use this type of program to keep a record of all the friends in your address book.**

- Information Processing
  - Spreadsheet
  - Operating system
  - Database
  - Document
- 

4. **What is a single binary digit, 0 or 1? It is the smallest unit of data that a computer can process.**

- Bit
  - Byte
  - Bug
  - Boot
  - Chip
-

5. **What means to capture, store, update, and retrieve data and information? A computer is this type of machine.**

- Microprocessor
  - Spreadsheet
  - Operating System
  - Windows
  - Information Processing
- 

6. **What do we call a computer program that organizes data in rows and columns of cells. You might use this type of program to keep a record of the money you earned mowing lawns over the summer.**

- Spreadsheet program
  - Database program
  - Word Processor program
  - Desktop Publisher program
  - Operating System program
- 

7. **What are the numbers made up of 0's and 1's? They are used in computers to represent information.**

- Megabytes
  - Kilobytes
  - Binary numbers
  - Gigabytes
  - Operating system
- 

8. **What is the basic software that a computer needs to interpret input from input devices, run programs, and read from or write to hard drives and disks?**

- Operating system
  - Hardware system
  - Information processing
  - Modem
  - Microprocessor
-

9. What is a tool that finds Web pages in online databases based on terms and criteria specified by the user?

- Server
  - Network
  - Internet
  - Search engine
  - World Wide Web
- 

10. What is a set of eight binary digits (bits that are either 0 or 1) that represent a letter, number, or symbol? (01000011)

- Megabyte
- Bit
- Gigabyte
- Kilobyte
- Byte

**ANSWERS :-**

Word Processor  
Output device  
Database  
Bit  
Information Processing  
Spreadsheet program  
Binary numbers  
Operating system  
Search engine  
Byte

**Sudarshana Sinha**  
**Geography(H), 2nd Yr.**



## TECH-QUIZ

- 1. If Facebook were a country, how big would it be in terms of population (members)?**
  - A. .3 million
  - B. 1 billion
  - C. 1.4 billion
  - D. 7 billion
- 2. World-wide, what language is used the most on the internet?**
  - A. Chinese
  - B. Spanish
  - C. English
  - D. German
- 3. TRUE or FALSE: Google is the second largest search engine.**
  - A. True
  - B. False
- 4. TRUE or FALSE: More people in India speak English than in the United States.**
  - A. True
  - B. False
- 5. When do Chinese students start learning English?**
  - A. High School (9-12)
  - B. Middle School (6-8)
  - C. Elementary School (1-5)
  - D. Kindergarten

- 6. Twitter reported how many Tweets per day in June 2012?**  
A. 2 millions  
B. 400 million  
C. 700 thousand  
D. 1 billion
- 7. If Wikipedia were a book, how many pages would it be?**  
A. 1 billion  
B. 400 million  
C. 2 million  
D. 200 thousand
- 8. How many Apps are available in the App store?**  
A. 7 billion  
B. 700 million  
C. 7 million  
D. 700 thousand
- 9. About how many smartphones are being used in the world?**  
A. 1 million  
B. 100 million  
C. 1 billion  
D. 100 billion
- 10. TRUE or FALSE: If Facebook were a country, it would have more people than India.**  
A. True  
B. False

**Answers:**

1. B. 1 billion  
2. C. English  
3. B. False  
4. A. True  
5. D. Kindergarten  
6. B. 400 million  
7. C. 1 Billion  
8. C. 2 Million  
9. D. 700 Thousand  
10. B. False

**Nidhi Baid, Psychology (H), 2rd Yr.**

**Naomi Chatterjee, Psychology (H), 1stYr.**