



ಅವಲೋಕನ

Little Kites
R.H.S.S Ramanattukara





രാമനാട്ടുകര ഹയർ സെക്കന്ററി സ്കൂളിലെ ലിറ്റിൽ കൈറ്റ്സ് അംഗങ്ങളായ വിദ്യാർത്ഥികൾ തയ്യാറാക്കിയ "സ്പന്ദനം" എന്ന ഡിജിറ്റൽ മാഗസിൻ വിജ്ഞാനപ്രദവും വിദ്യാർത്ഥികളുടെ സർഗാത്മകമായ കഴിവുകളും സാങ്കേതിക മികവും പ്രകടമാക്കുന്നതുമാണ്. ഇതിന്റെ അണിയറയിൽ പ്രവർത്തിച്ച എല്ലാവർക്കും അഭിനന്ദനങ്ങൾ അറിയിക്കുന്നു.

എസ്.കെ.മുരളീധരൻ
പ്രധാനാധ്യാപകൻ



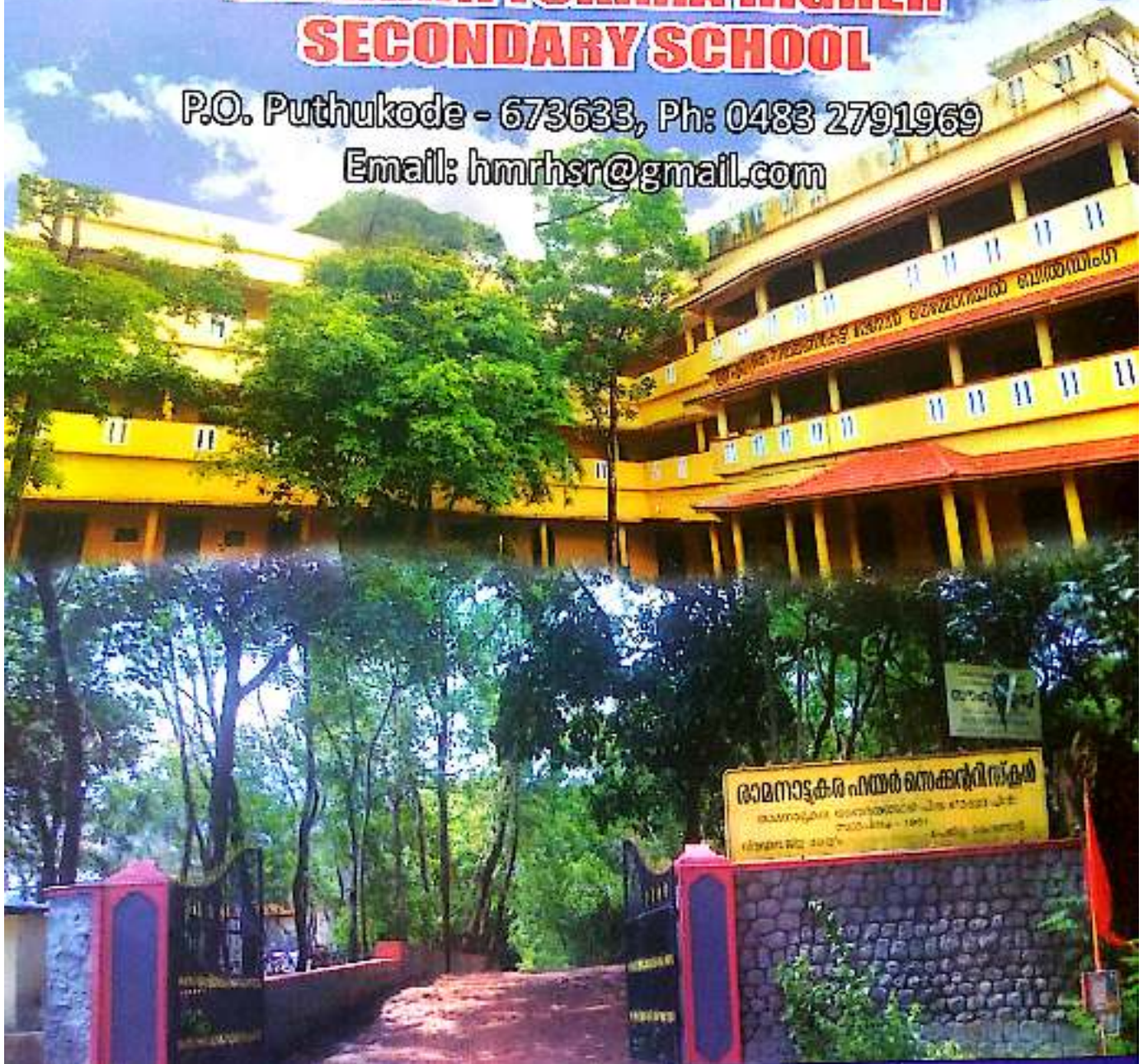
ലിറ്റിൽ കൈറ്റ്സിന്റെ "സ്പന്ദനം" എന്ന മാഗസിന് എല്ലാവിധ ആശംസകളും നേരുന്നു.
സൂനിൽ .എം
പ്രിൻസിപ്പാൾ



RAMANATTUKARA HIGHER SECONDARY SCHOOL

P.O. Puthukode - 673633, Ph: 0483 2791969

Email: hmrhsr@gmail.com



ARTIFICIAL INTELLIGENCE



Artificial intelligence is a new technology in the field of computer science . “Artificial” means man made that is not natural and “Intelligence” refers to the ability to think and make decisions. The concept of AI was introduced in 1950. Alan Turing a mathematician and computer scientist designed a machine named as “Turing Machine”. This machine can test whether the computers can make decisions or not. John McCarthy a computer scientist has introduced “Artificial In Intelligence” in the world of computer science.

Artificial Intelligence is the intelligence possessed by machines under which they can perform various functions with human help. With the help of AI machines will be able to learn, solve problems, plan things etc... Artificial Intelligence is revolving rapidly day by day and it is believed that in the near future Artificial Intelligence is going to change human life very drastically and will most probably end all the crises of the world by sorting out the major problems

In recent years, AI has become ubiquitous, impacting numerous industries. In healthcare, AI aids in diagnosing diseases and suggesting personalized treatment plans. In finance, it optimizes trading strategies and detects fraudulent activities. AI powered virtual assistants have become an integral part of our daily lives, making tasks like voice commands. It refers to the development of computer systems that can perform tasks that typically require human intelligence. AI encompasses various technologies including machine learning, natural language processing and computer vision

Sayooj. M
9th B

WITHOUT COMPUTER.....,

A life without computers would be so pathetic . It would be like hell . There would be no fun . Everything would be so different . We would not be able to mail each other or chat with anyone . It is so difficult to spend a life without computers . We would not be aware of technology or what things are being discovered . Use of computers on a regular basis in our life is very important . Technically , in daily life computer is used to convert raw facts and data into meaningful information and knowledge . Computer science is explored and challenged by humans . The computer is like an electronical magic device for our life . Computers have a great contribution in the education field . The internet enabled computers do not only provide important knowledge and information on every subject , but they also connect students across the world .

Without computer , our life will become slow . As we all know , we are not intelligent as computers , so it will cause us more and more difficulty . We can't imagine a life without computers and the fact is that they have become so important that nothing can replace them . They seem to everywhere today . Since 1948 when the first real computer has been invented , our life has changed so much that we can call it real digital revolution . Not only in science and industry , computers are being used . Also in hospitals and banking systems computers have become irreplaceable .

Kasinath
9th C

“Our computer who art in the study
Hallowed by the printers
We have had you for years
May all works be done
From now until 3000
Give us today our daily printouts
And forgive us our viruses
As we forgive these who send viruses to us
If you are not , we are nothing more....”

Sradha
9D

DISASTER MANAGEMENT THROUGH SOCIAL MEDIA

Social media has become both popular and crucial in crisis and emergency communications. Responders are not only communicating to their public through social media outlets, the public is communicating with each other, and with responders. Individuals are able to provide important information on disaster impacts, including location and imagery, using nothing more than a smartphone equipped with a camera and GPS locator. One particular technology from Ushahidi offers an interesting way for responders and affected individuals to communicate with one another in the course of a disaster response. The Ushahidi BRCK offers an application of technology that, while not originally designed for use in the emergency management field, has an application in the response to a disaster. This and other technologies contribute to the ever changing way responders and individuals communicate.

Social Media Pros

Social media sites including Twitter and Facebook are in their infancy yet play an increasingly important role in the response to a disaster. After all, "one of the basic tenants of emergency management is mass communication and being able to deliver pertinent information to those who need it" (Gould, 2012). Social media offers an avenue to obtain up to the minute information on a given situation right in an individual's hands thanks to the proliferation of mobile devices. "Each disaster sparks its own complex web of fast-paced information exchange. It can both improve disaster response and allow affected populations to take control of their situation as well as feel empowered" (Maron, 2013). While traditional forms of media, print, radio and television in particular, have been the standard since the inception of the emerg...

Sacheth
9B

IMPORTANCE OF TECHNOLOGY IN ECONOMIC AND SOCIAL DEVELOPMENT

Technological innovation and Information Communication Technologies (ICTs) represent a way for developing world nations to foster economic development, improve levels of education and training, as well as address gender issues within society.

Entrepreneurship is crucial for economic development around the world. In countries such as Nigeria, Egypt and Indonesia, micro-entrepreneurs generate 38% of the gross domestic product. Analysis from the World Bank in 2011 indicates that small businesses create a disproportionate share of new jobs. They generate new ideas, new business models, and new ways of selling goods and services. Wireless technology and ICT infrastructure development is also vital for entrepreneurship and small business development. In many emerging nations, it is a major challenge to gain access to capital and market information. Developing nations specifically do not have functioning infrastructure or much in the way of financial resources.

In sub-Saharan Africa, for example, approximately 29% of roads are paved, barely a quarter of the population has access to electricity, and there are fewer than three landlines available per 100 people. In Indonesia, 75% of the country has household incomes below \$2.50 per day. The combination of poor infrastructure and poverty makes it difficult for entrepreneurs to access financial resources and information.

Below is an example of how a basic form of technology – such as a simple mobile phone – has been proved to assist people to communicate with one another, access market information, sell products across geographic areas, reach new consumers, enter mobile payment systems, reduce fraud and crime, and empower women and the disadvantaged.

The Self-Employed Women's Association (Sewa) in India includes 1.1 million workers who pool their resources to improve their bargaining power. The organisation sends agricultural workers daily SMSs on commodity prices so farmers can determine the best places to sell their products. Those participating say they have been able to market fruits and vegetables over wider areas, and thereby earn higher incomes.

The Ethiopia Commodity Exchange Program (ECEP) has helped entrepreneurs expand their markets. Before 2008, 95% of farmers sold their products in local markets and were not able to access other areas. Transaction costs were high and they had problems getting fair prices due to the lack of market competition. With the advent of the ECEP, agricultural producers gained access to external buyers and were able to negotiate better prices. This boosted their incomes and improved the quality of food products.

The India-based Hand in Hand Partnership (HIHP) enables women to use mobile devices to launch businesses in the technology area. It provides mentorship, training, credit, and technical support.

Yaseen M 9th C

Aadishankar E.F. Art



Why is the WWW different from the internet?

The WWW or the World wide web is a huge collection of documents are known as web pages. A collection of documents run by one person or organization is called a website. A computer with one or more websites is known as a host or service

What is website?

A collection of documents run by one person or organization is called a website

VISHNU
8TH

Drawing

Its fantasy of colour

He paints the weeps and relish
The canvas reflect the
beauty of nature

Every painting has a story to tell
some are funny others are meaningfull
The mysteries a painting hides
is the painters story

The colours does make
vey pale glories
The sketches strayed as mark
waiting to he filled

So very ideas
the topic blossoms
It ripples over the minds
waiting to he drawn

DEVAVRINDHA N 9C

THE ERA OF NEURALINK

We can store and replay our memories...sounds like a fiction ..right? it is not far away for this fiction to turn out the reality . This advancement in technologies is promised by Elon Musk the CEO of leading technological companies TESLA ,SPACE EX, NEURALINK . Neuralink is Musk's neural - technology company . It's developing a device that would be embedded in a person 's brain , where it could record brain activity and potentially stimulate it.

In January 2024 ,Musk claimed Neuralink's first human patient had received a brain implant .

While Musk likes to talk up his futuristic vision for the technology , the tech has some potential nearterm medical applications .

The tech has given hope to over 100000 lack people who suffers with disabilities by giving them the ability to control their system just by thinking.

Ashira Ziya. P.V.
9th D

SMALL AND BIG TROUBLES

Long ago, a tulsi plant stood by the side of the road leading to village temple. Next to it stood a tall sandal tree.

Every morning, visitors to the temple would pluck a few leaves from the tulsi plant on their way. Some of them would also bow to the sandal tree.

Because of this, the sandal tree soon became very proud. He teased the tulsi plant, saying "You look like a Skelton" constant plucking of your leaves has made you to this condition.

"Never mind, they're using my leaves to worship the god!" the tulsi replied in a mild tone.

"Agreed, You're used in worship. But look at me! People bow before me and worship me!" the sandal tree boasted.

"Each one faces according to his own fate," the tulsi plant replied, she did not like sandal's arrogance.

But the sandal tree continued to be arrogant. He made fun of the tulsi plant and claimed that he was divine. He never let go a single opportunity to tease the humble tulsi about her weakness. Finally, she lost her patience and replied, "a small trouble give us strength to fight big problems in life"

The sandal tree did not like response. "what problem can a puny creature like you create? You're too weak even to say the word 'Strength'"

The tulsi plant did not say anything.

Months passed. That year, the summer was very severe. Soon, the entire land reeled under severe draught.

The tulsi plant was so weak that she could barely stand.

The sandal tree stood tall and strong, spreading his shade around. He teased the tulsi plant. "How strong are you after your leaves are being plucked! Isn't that strength helping you now?"

But the tulsi didn't reply. As the drought became worse, the king decided to conduct a special pooja to pray for rain. The pooja had to be done by burning sandal wood. So, he decided to cut down the sandal tree.

It was a shocking news for the sandal tree.

The gentle tulsi plant felt sorry for the tree, even though he had always teased her. She said to him, "pray lord! You were proud, just because people bowed you, you thought you were lord! Perhaps this is lord's punishment for your pride. Ask him to forgive you."

Now wisdom dawned on the sandal tree. He felt that the small tulsi was right. Because of his fear of death, the tree stopped absorbing food and water. As a result, he became dry and withered. His dry limbs began spreading a sweet smell in all directions. Soon it was time for the pooja. The man from the temple came to cut down the tree. First they cut away a few dry branches. But the wood was much stronger and more sweet smelling than they had thought. So, they spared the tree and took only the branches for pooja.

The pain due to cutting of branches was unbearable for the sandal tree. Until now he had led a very comfortable life, and had not known pain at all. So, he could hardly bear the terrible pain. Now he understood the words of the tulsi plants.

When I faced a misfortune. Instead she was kind to me to pray. She is a true friend.

After this experience, the sandal tree was no longer proud. He and the tulsiplant lived as good friends.

Yaseen M
9th C