Jawaharlal Nehru Technological University Kakinada
University College Of Engineering Vizianagaram
Department of Computer Science and Engineering

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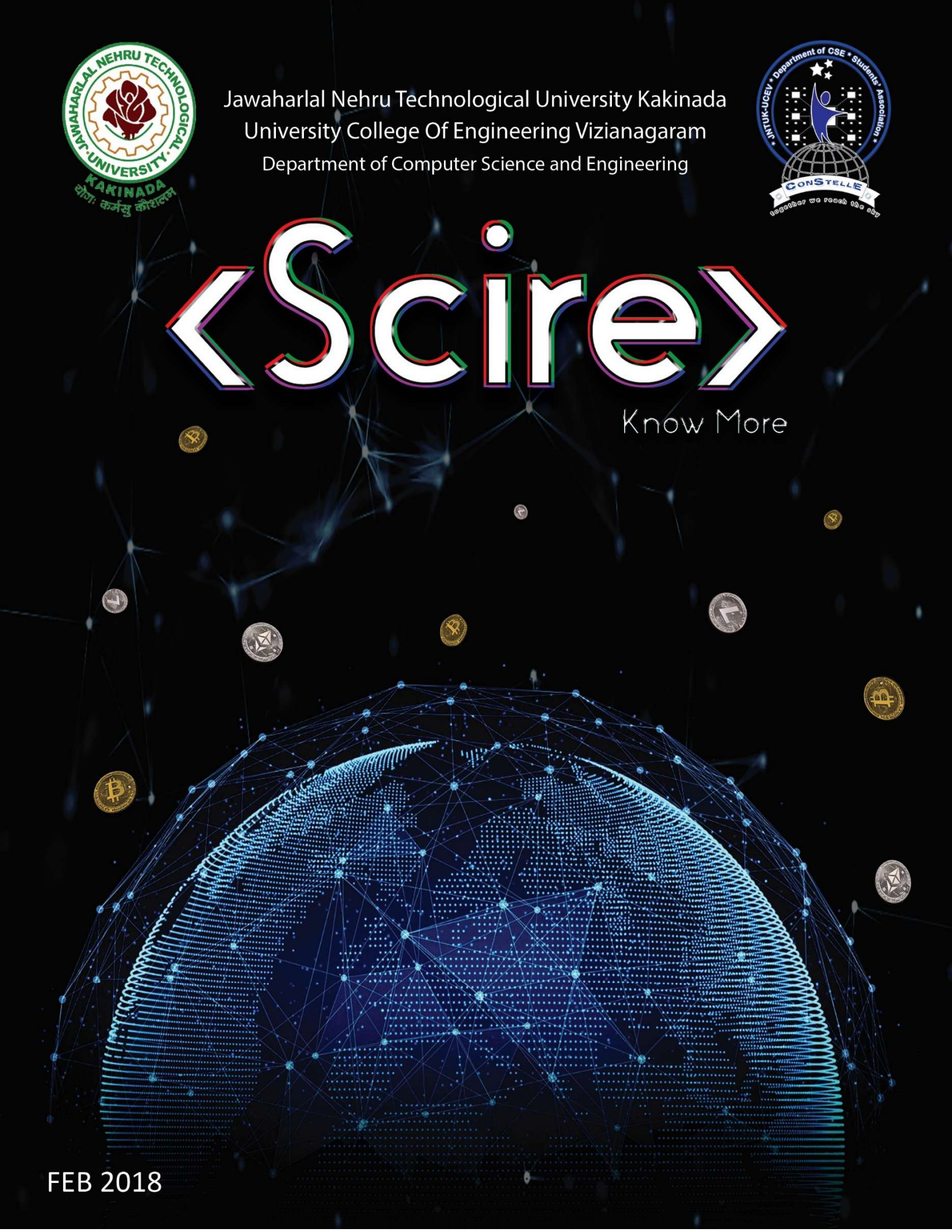

FEB 2018

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Looking at how this magazine has come out , I am very happy with the way students are showcasing their hidden talents. This magazine is a souvenir of their achievements. I feel students should regularly carve out such wonders, so as to make believe the society that, technical education is not just curriculum, but also creativity, imagination and life. This piece of work speaks a lot for the capabilities of the students.

Students of the Department of CSE are creating hope in young minds that – "While there is life, there is hope!"

Wishing you all the best..!
Prof. K.Ramu
Principal

Every time we bring out our SCIRE magazine, it makes me delightful to see the creative blend that our students have within them. They put a lot of effort into it and make it very radiant and glossy. Sometimes I even wonder how come they put so much life in it that it reflects back to us. My personal feeling is that these magazines have life in them. Every little help is the motto of this magazine. We are all together, no matter what the adversities be. To support such lucrative talents in my students is my pleasure.

Miracles do happen and <Scire> is one of them.

Prof. R. Rajeswara Rao
HOD-CSE

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It's the internet of money"
-Andreas Antonopoulos

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"AI is 'a core, transformative way by which we're rethinking how we're doing everything"
-Sundar Pichai

Department Breakthroughs

Dept. of CSE organised a two day 'Instructional Workshop on Python Programming' (IWPP) on 01&02 July, 2017

Dept. of CSE conducted 'Summer Computing Camp for Government School Students' (SCCGSS-2017) from 24 April to 05 May, 2017.

Dept. of CSE conducted a two day Skill Development Program on 'Free & Open Source Software' (FOSS) on 22&23 Sep, 2017.

CSE Faculty completed trek to the peak of PARAMMA HILL (alt. 900 mts).

Mr. N. Venkatesh (Asst. Prof.) and Mr. R. D. D. V. Siva Ram (Asst. Prof.) bagged 1st and 2nd prizes in Table Tennis event at Annual Sports Meet.

STARS OF THE YEAR

Ms. K. Naga Sowmya short listed for 2nd round in Codevita.

Mr. Y. Vivek secured 1st place in elocution on IoT conducted on the eve of 'Krishna Pushkaralu 2k16', Semi-finalists in CSI-TechWhizQuiz2k17, stood 2nd place in Poster presentation on IoT in association with IET Student forum.

Mr. K. Sumanth received Google Udacity Scholarship 2018 & qualified in i2E Smart Idea Program.

Ms. G. V. B. S. Harika secured 2nd place in reverse coding contest held at IIT Chennai- Shaastra2k16.

Ms. I. Sri Ramani received Award of Excellence certificate in contribution for first model digital transactions enabled.

Mr. M. Rajesh identified as Global Youth Ambassador at 'The World At School' (one among the 500 in the world), Changemaker at Global Action of Poverty (one among 300 in India) & Youth Venturer at Ashoka (one among the 70 in India).

Ms. K. U. G. Devika & **Ms. P. Pooja Chowdary** won 2nd prize on 'IoT Poster presentation' conducted by IEEE.

Mr. Y. Shankar Rao selected for All India Inter University Athletic Meet on behalf of JNTU Kakinada held at Acharya Nagarjuna University Guntur 2018, Selected for JNTUK South Zone Kho-Kho Team 2018 held at Mysore & Runners in Zonal Level Kho Kho held at Vignan College,Duvvada 2018.

Ms. P. Varalakshmi won 1st prize in central zonal chess.

Ms. G. V. B. S. Harika secured 1st place in Inter-College Chess Tournament.

Ms. N. Jyothi selected for South Zone Inter-University Handball(women) Tournament.

Ms. D. Sravanthi & **Ms. U. Saritha** won 2nd prize at Table Tennis State Women Tournament.

*Tilldate **30+** IV B.Tech. students are offered jobs in companies like 'Wipro', 'Apps Associates', 'MIRACLE', 'GREY CAMPUS' etc..*

Ms. S. Akhila Preethi
III B.Tech.
Gold Medal
2015-2016

Mr. G. Vineel Abhinav
IV B.Tech.
Gold Medal
2015-2016

Mr. D. Uday Kiran
B.Tech.(passed out)
Best Outgoing Student
2016-2017

Ms. P. B. S. Rekha
M. Tech.(passed out)
Gold Medal
2015-2016

Mr. Y. Shankar Rao won 1st prize in 100m, 200m, 400m, 4*100 relay(Shankar rao, Naveen kondeti,Nageswara rao, Tilak) conducted on annual sports meet

Mr. S. Avinash won 3rd prize at InTech Olympiad 2018

Women's Cricket Runners

మన సాహిత్యం

కుదిరితే

కుదిరితే పరిగెత్తు లేకపోతే నడు!
అది చేతకాకపోతే పాకుతూపో !!

ఒకేచోట అలా కదలకుండ ఉండిపోకు
ఉద్యోగం రాలేదని , వ్యాపారం దెబ్బతిందని ,
స్నేహితుడొకడు మోసం చేసాడని ,
ప్రేమించినవాళ్లు వదిలి వెళ్లిపోయారని
అలా ఉండిపోతే ఎలా !

దేహానికి తప్ప దాహానికి పనికిరాని ఈ సముద్రపు కెరటాలే
ఎగసి ఎగసి పడుతుంటే
తలచేకుంటే నీ తలరాత ఇంతే అన్నవాళ్ళు కూడా
నీ ముందు తల దించుకునేలా చేయగల సత్తానీది
అల్లాంటిది ఇప్పుడొచ్చిన కాస్త కష్టానికే తలవొంచేస్తే ఎలా !

సృష్టిలో చలనం ఉన్నది ఏది ఆగిపోకూడదు
పారినది , వీచే గాలి ,ఊగే చెట్టు , ఉదయించే సూర్యుడు ,
అనుకున్నది సాధించాలని నీలో కసి కసిగా ప్రవహిస్తుందే ఆ నెత్తురుతో సహ
ఏది ఆగిపోవడానికి వీలులేదు లే బయలుదేరు !!!

నిన్ను కదలనివ్వకుండా చేసిన మానసిక బాధల సంకెళ్లను తెంచేసుకో !
పడ్డ చోటునుండే పరుగు మొదలు పెట్టు !

నువ్వు పడుకున్న పరుపు నిన్ను చీదరించుకోక ముందే బద్ధకాన్ని వదిలేయ్ !
నీ అద్దం నిన్ను ప్రశ్నించకముందే సమాధానం వెతుక్కో
నీ నీడ నిన్ను వదిలి వెళ్లకముందే వెలుగులోకివచ్చేయ్!
మళ్ళీ చెపుతున్న కన్నీళ్లు కారిస్తే కాదు

కుర్రవాళ్ళు

కొంతమంది కుర్రవాళ్ళు పుట్టుకతో వృద్ధులు !
పేర్లకి పకీర్లకి పుకార్లకీ నిబద్ధులు !!

నడిమి తరగతికి చెందిన అవగుణాల కుప్పలు
మొద్దురాతి చిప్పలు నూతిలోన కప్పలు !!

తాతగారి బామ్మగారి భావాలకు దాసులు !
నేటినిజం చూడలేని కీటక సన్యాసులు !!

నిన్నటి లీడరు డోకా నేడు చూడజాలరు !
కన్నులున్న జాత్యంధులు కాకినైనా పోలరు!!

కళలన్నా కవితన్నా వీళ్ళకి చుక్కెదురు!
గోలచేసి అరవడమే అయ్యో వీలెఱుగుదురు!!

మరికొంతమంది యువకులు ముందు యుగం దూతలు !
పావన నవ జీవన బృందావన నిర్మాతలు !!

గతకాలపు మితవాదపు గారడీలు నమ్మరు !
స్వార్థానికి లొంగి పోయి ఆశయాలను అమ్మరు ... తమ లక్ష్యమారరు !!

బానిస బంధాలను తలవంచి అనుకరించరు!
పోనీ అని అన్యాయపు పోకడలు సహించరు !!

వారికే మా ఆహ్వానం వారికే మా ఆహ్వానం వారికే మా సెల్యూట్ !!!

రచన : 'మహాకవి' శ్రీశ్రీ
సేకరణ : శ్రీ డి. డి. వి. శివరాం రోలంగి
సహాయ ఆచార్యులు
కంప్యూటర్ సైన్స్ మరియు ఇంజనీరింగ్ విభాగం

How Google uses AI

Artificial intelligence is the simulation of human intelligence processes by machines especially computer systems. These processes include learning, reasoning and self correction. Below are some applications in which Google has crux on it.

Google Translator:

Have you ever wondered that Google Translator became more accurate and easier to understand.That's because they introduced neural machine translation—using deep neural networks to translate entire sentences, rather than just phrases in many languages by modeling them. Neural translation is a lot better than previous technology, because they translate whole sentences at a time, instead of pieces of a sentence. (Of course there's lots of machine learning magic powering this under the hood) This makes translations became usually more accurate and sound closer to the way people speak the language.

Youtube Recommendations:

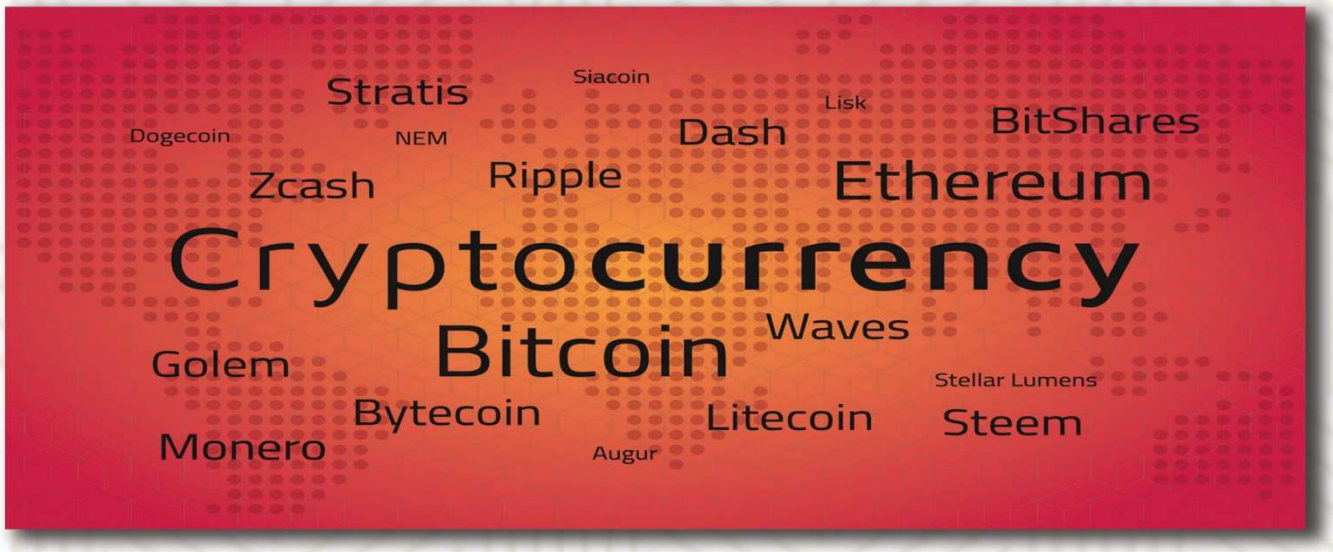
Have you ever wondered how your YouTube homepage will give recommendations of videos according to your taste, the magic is with the YouTube recommendation algorithm is associated with the concept of neural networks. The algorithm will consider the neural networks by focusing on two categories i.e. generating candidates and raising the rank. In this the user network will find the history of the user through the video IDs, demographics and search results. The ranking network will rank the videos depending on its demand at the audience associated with the features which describe the audience and the video. Now the highly scored videos will be dispatched at the audience in which the recommendation of million videos will participate. Here the A/B testing will be conducted to find the efficiency of that recommendation algorithm.

Comments that have been provided by the user at a particular video will be detected by deep neural network that implies to make recommendations for the audience. Based on the rank of each video scored will be recommended by considering the watch time, view count, shares and comments. The deep neural network algorithm works to allocate the rank for each individual video with help of logistic regression and then the collected list will be presented to the user where the A/B testing is implemented. It also considers scoring video id(search query),watch time. These are the main factors and there are many other factors.By sketching the overview of all the points mentioned above the YouTube recommendation algorithm will push the video content at the audience.

- *Google photos is powered with AI to such that it stores photos according to content in the image and it also makes themed videos related to our images:-).*
- *Google uses AI in self-driving cars it notices and it distinguishes different type of objects, people and road signs.*
- *E-mail spam detection has become 99.9% accurate and it successfully detects spam, social, promotional mails and it is all possible with AI.*

"Programs that learn to solve the problem from examples is much easier than programs that solve the problem."

Mr. Sai Vasanth Kakaraparthi
III B.Tech., CSE



CRYPTOCURRENCY is any kind of peer-to-peer digital money powered by the Blockchain technology. Since Bitcoin's appearance in 2009, hundreds of new cryptocurrencies (often called altcoins) have been created, all of which offer different advantages and disadvantages compared to Bitcoin. The Blockchain itself is based on the principles of cryptography, hence the name "cryptocurrencies".

Today Cryptocurrencies have become a global phenomenon known to most people. While still somehow geeky and not understood by most people, banks, governments and many companies are aware of its importance.

How cryptocurrencies emerged as a side product of digital cash?

Satoshi Nakamoto, the unknown inventor of Bitcoin, the first and still most important cryptocurrency, never intended to invent a currency. In his announcement of Bitcoin in late 2008, Satoshi said he developed "A Peer-to-Peer Electronic Cash System". After seeing all the centralized attempts fail, Satoshi tried to build digital cash system without a central entity. Like a Peer-to-Peer network for file sharing. This decision became the birth of cryptocurrency.

To realize digital cash you need a payment network with accounts, balances, and transaction. That's easy to understand. One major problem every payment network has to solve is to prevent the so-called double spending: to prevent that one entity spends the same amount twice. Usually, this is done by a central server who keeps record about the balances. In a decentralized network, you don't have this server.

So you need every single entity of the network to do this job. Every peer in the network needs to have a list with all transactions to check if future transactions are valid or an attempt to double spend.

But how can these entities keep a consensus about these records? If the peers of the network disagree about only one single, minor balance, everything is broken. They need an absolute consensus. Usually, you take, again, a central authority to declare the correct state of balances. But how can you achieve consensus without a central authority? Nobody did know until Satoshi emerged out of nowhere. In fact, nobody believed it was even possible. Satoshi proved it was. His major innovation was to achieve consensus without a central authority. Cryptocurrencies are a part of this solution – the part that made the solution thrilling, fascinating and helped it to roll over the world.

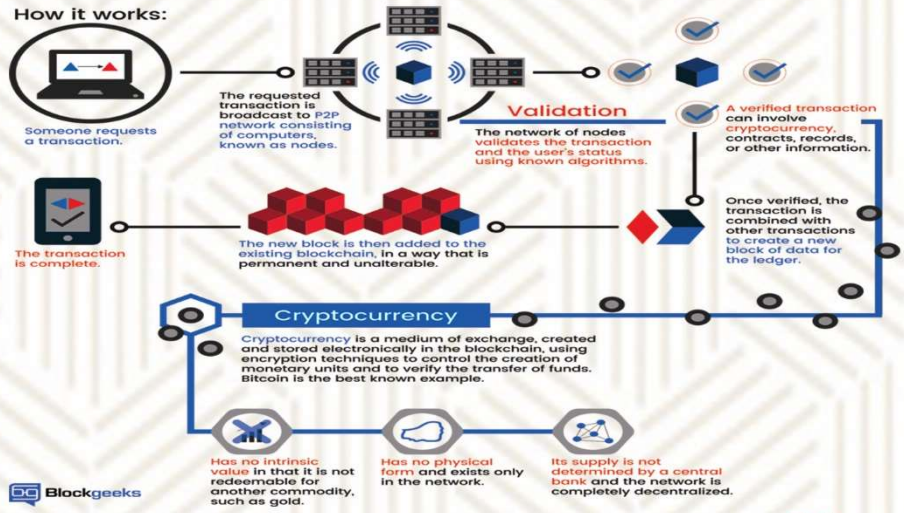
What are cryptocurrencies really?

If you take away all the noise around cryptocurrencies and reduce it to a simple definition, you find it to be just limited entries in a database no one can change without fulfilling specific conditions.

This may seem ordinary, but, believe it or not: this is exactly how you can define a currency.

Take the money on your bank account: What is it more than entries in a database that can only be changed under specific conditions? You can even take physical coins and notes: What are they else than limited entries in a public physical database that can only be changed if you match the condition than you physically own the coins and notes? Money is all about a verified entry in some kind of database of accounts, balances, and transactions.

A cryptocurrency like Bitcoin consists of a network of peers. Every peer has a record of the complete history of all transactions and thus of the balance of every account. A transaction is a file that says, "Bob gives X Bitcoin to Alice"and is signed by Bob's private key. It's basic public key cryptography, nothing special at all. After signed, a transaction is broadcasted in the network, sent from one peer to every other peer.



Only miners can confirm transactions. This is their job in a cryptocurrency-network. They take transactions, stamp them as legit and spread them in the network. After a transaction is confirmed by a miner, every node has to add it to its database. It has become part of the blockchain. For this job, the miners get rewarded with a token of the cryptocurrency.

What are miners doing?

Principally everybody can be a miner. Since a decentralized network has no authority to delegate this task, a cryptocurrency needs some kind of mechanism to prevent one ruling party from abusing it. Imagine someone creates thousands of peers and spreads forged transactions. The system would break immediately.

So, Satoshi set the rule that the miners need to invest some work of their computers to qualify for this task. In fact, they have to find a hash – a product of a cryptographic function – that connects the new block with its predecessor. This is called the Proof-of-Work. In Bitcoin, it is based on the SHA 256 Hash algorithm. After finding a solution, a miner can build a block and add it to the blockchain. As an incentive, he has the right to add a so-called coinbase transaction that gives him a specific number of Bitcoins. This is the only way to create valid Bitcoins.

Cryptocurrencies: Dawn of a new economy

Mostly due to its revolutionary properties cryptocurrencies have become a success their inventor, Satoshi Nakamoto, didn't dare to dream of it. While every other attempt to create a digital cash system didn't attract a critical mass of users, Bitcoin had something that provoked enthusiasm and fascination. Sometimes it feels more like religion than technology.

Cryptocurrencies are digital gold. Sound money that is secure from political influence. Money that promises to preserve and increase its value over time. Cryptocurrencies are also a fast and comfortable means of payment with a worldwide scope, and they are private and anonymous enough to serve as a means of payment for black markets and any other outlawed economic activity.

The market of cryptocurrencies is fast and wild. Nearly every day new cryptocurrencies emerge, old die, early adopters get wealthy and investors lose money. Every cryptocurrency comes with a promise, mostly a big story to turn the world around. Few survive the first months, and most are pumped and dumped by speculators and live on as zombie coins until the last bagholder loses hope ever to see a return on his investment.

Top Ten Cryptocurrencies and their price as on 21-02-2018 06:00:00 AM IST

#	Name	Symbol	Market Cap	Price
1	Bitcoin	BTC	$191,890,637,250	$11,370.00
2	Ethereum	ETH	$88,280,400,480	$903.19
3	Ripple	XRP	$42,214,603,103	$1.08
4	Bitcoin Cash	BCH	$23,994,298,840	$1,413.20
5	Litecoin	LTC	$12,892,829,439	$233.11
6	Cardano	ADA	$9,635,017,953	$0.371620
7	NEO	NEO	$8,190,650,000	$126.01
8	Stellar	XLM	$7,367,354,360	$0.398930
9	EOS	EOS	$6,297,566,598	$9.25
10	Dash	DASH	$5,609,713,867	$710.40

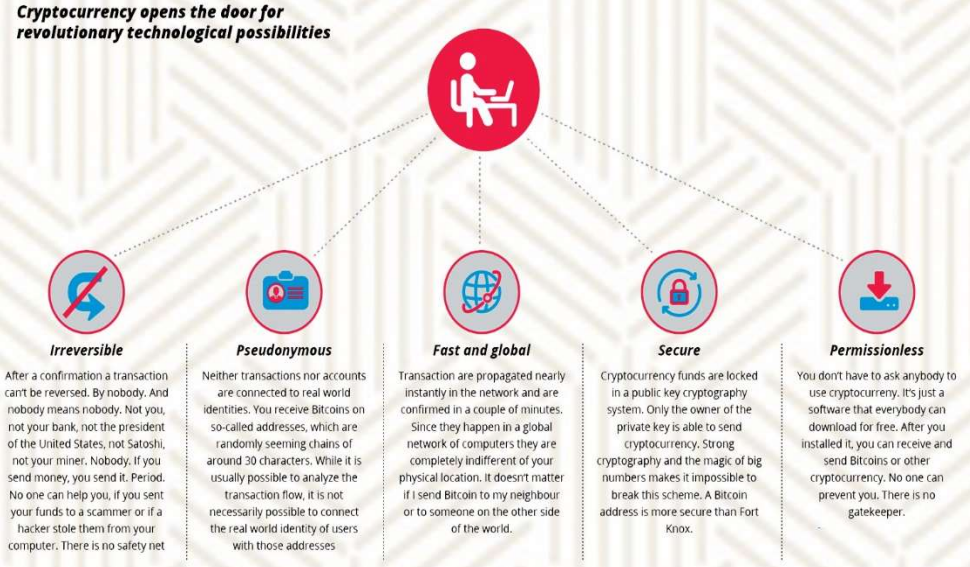
The legal status of cryptocurrencies varies substantially from country to country and is still undefined or changing in many of them. While some countries have explicitly allowed their use and trade, others have banned or restricted it.

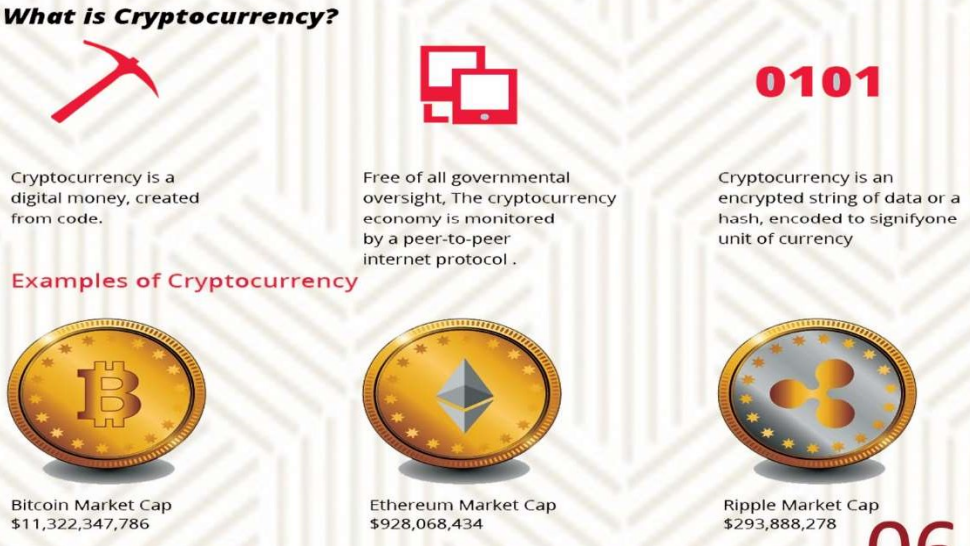
Likewise, various government agencies, departments, and courts have classified bitcoins differently. China Central Bank banned the handling of bitcoins by financial institutions in China during an extremely fast adoption period in early 2014. In Russia, though cryptocurrencies are legal, it is illegal to actually purchase goods with any currency other than the Russian ruble.

Finance minister of India, Mr. Arun Jaitley, in his budget speech on 1 February 2018, stated that the government will do everything to discontinue the use of bitcoin and other virtual currencies in India for criminal uses. He reiterated that India does not recognise them as legal tender and will instead encourage blockchain technology in payment systems.

Courtesy: Forbes & The Telegraph

Mined by: Siva Rama Krishna T.
Asst. Prof., CSE





A JOURNEY ON THE OCEAN

Lets move onto the parallel world and forget about the matter that we are human beings, assume we all are travelling in an big ocean on different ships ,Each ship size and its properties are different from others but we are reaching the same destination, meanwhile before reaching to the destination we are getting trained in each ship, that training is '**mandatory**' based on that person choice of training in the beginning which is immutable after his/her choice .That training differs from ship to ship, after some time, some people may feel that it is staggering ,some may feel obliged ,some may get diverged, some are getting apathy on that training etc. There is no problem for the people who may feel staggering, but for the rest of them it is your own responsibility to build the alternative skill which you feel that is suitable or inherit to you. In the training period, you are abstracted from the outside world complexity.

After reaching the destination mark, you will be propelled from the ship and you will land into the ocean, now you have to survive on your own, based on the training in the ship or the skill you have developed(self-learning). There are many paths on the ocean but it depends on you to choose the one which is apt for you. And you will also see the folks who had trained parallelly in other ships. To build your own place or to conquer one safe place, it's not an easy task, because others may compete you for the same place or you don't know how to survive. The matter of survival may slightly depends on the ship but it completely depends on your skill. You should not feel cripple while performing your skill. And it is also futile, once you landed in the ocean, if you feel that you have wasted the time or opportunities that came to your hand in the phase of training.

Just think of it, there is a huge place on the ocean you just need a tiny place to survive, can't you find it? Just think where the fault is?

Now compare this journey to the present education system, I am leaving it to your own imagination. Getting into an elite institution doesn't guarantee success but it matters a lot.

"If you fail to plan, you are planning to fail!"
-Benjamin Franklin

So, identify your hidden face(talent) and plan according to it, but remember one thing **success is not a 'destination', it is a 'journey'.**

I wish all of you a happy journey :-)

Mr. Sai Vasanth Kakaraparthi
III B.Tech., CSE

Subtle Art Of
IMAGINATION

All cannot perceive the truths and facts of imagination. Because imagination hasn't got any true face of its own. It's very subtle. It is misleading and it is enlightening all at the same time. Imagination does a lot of wonders. It can be the first step in the creation of a whole new universe. Also, it can be the beginning of the end. What matters is that we have to channel it. Our mind is the locus of all the imagination but will emotion blend with imagination when just given scope from miraculous mind?

As I stated, imagination is subtle, it replicates, yes, in forms, very difficult to explain. Imagination initiates serendipity. At the same time makes us crave for the wrong things. Imagination is the mother of all creation, don't forget, it is also the uprising of all destruction. Imagination created Harry Potter but also at the same time unleashed Voldemort. Imaginations make us want to achieve glory, and it also tells us to be humble. It is intimidating, it is comforting. It is petrifying but also exciting. Thanks to its omnipotence.

I personally feel imagination without any emotion and feelings is just another book with more words rather than the message. I agree imagination is quite vivid and it doesn't fuse with the limited emotions we know. But using imagination to develop emotions is a breakthrough. Imagining with the mind lets us make art, while the same done through the heart complements life to the art. Every person can simply be unique and different.

When we imagine with the heart, the outcomes are very infinitesimal but they are all right. It is only with the heart one can see rightly. Emotions are far more important than knowledge, those are what survive us in our real world or in our fantasy. Blend your feelings with emotions, there come out your ability. Then comes out your humanity.

Mr. Sumanth Kothapalli
IV B.Tech. CSE

"Life is far beyond the expectations, make decisions wisely. Don't be nervous and shy to take intrigue part in the class or university. College is the right place and opportunity to endure and endeavour the purpose of life. Take as many risks as possible because failure gives an opportunity, failure gives an option to advent success in life. Don't be shy to take risks because it gives you freedom and opportunity"

Nagababu Chilukuri IV. B.Tech. CSE

"No words to express my gratitude to this college"

Mr. Raja Rohith IV. B.Tech. CSE

"Learnt valuable lessons for life. I've had many memories to laugh at. Shared lots of emotions and at the same time earned friends for life. These four years have exposed me to all kinds of people with various talents. Thank you all for providing the BEST moments of my life"

Ms. Sonia J. IV. B.Tech. CSE

"College ki late ga vacahamani.... External ki observation tisukuraledani.... Class ki atten avvaledani..... Mid exam lo maatladutunnam ani.... Assignments submit cheyaledani.... Records rayaledani.... Campus Placements ki attend avvaledani.....

Inka enno unnay cheppalantey... Aa kshanam koppadina... Aa kshanam thitukunna.... Ippudu alochisthunte pedavullo chirunavvu, malli ilanti anubuthulu pondalemanna badha kalisi kanipisthunnai....

'Sometimes you will never know the values of a moment until it becomes a memory' –Dr.Suess. My B.tech life is full of those moments...."

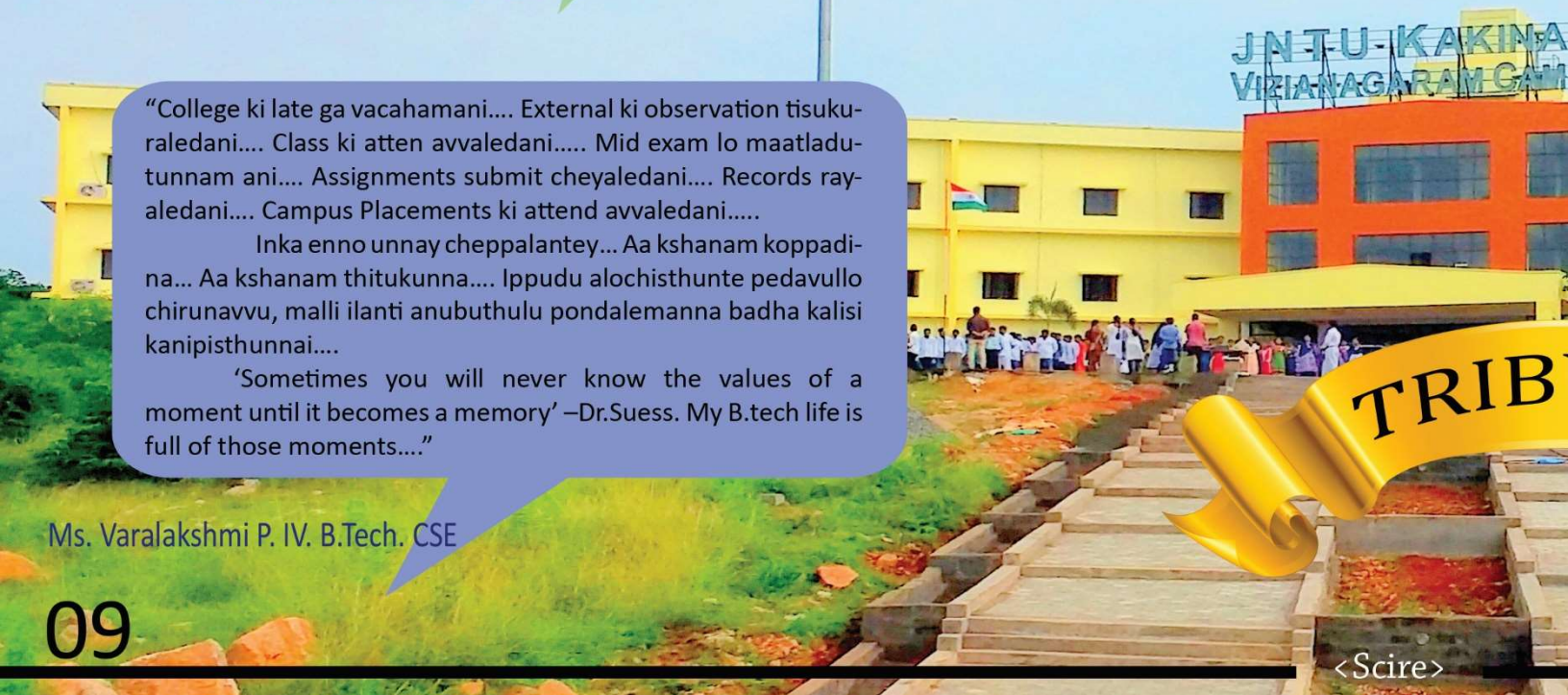
Ms. Varalakshmi P. IV. B.Tech. CSE

Welcomed by our first prime minister at the entrance,
ably accompanied by our fathers controlli
Not to
Not to be alone N
Not to fight fri
Not to be lat
Not to go mov
Not to skip me
Not

But college initiated our teens. We all had our own se
quite a few from just everyone! People might think th
sweet; sometimes we go wild and many times end up
just do it again....t
Still we rise aback talking about l
'W
W

In our college routine, waking up in individualistic ti
just push sleep again. But not to worry, every one
through the yet again wide spread
Each and every day has its own plot. We might be la
or just go through an imperfect
Attendance, Assignments, Records, Night outs, Labs
day parties, Face book memes, Mini militia, Youtube, V
words share their ov
Without parents we were never alone because we l
ta

Finally for our destinations.....of course there are mo
tric minds tend to vivid diverted goals. In the process
the zeal and zip to bring the better out of us. Our
"I take my pride to share my standpoint on ou



we all have our own first day sweet and bitter experiences prob-
ng our tear shed....acting brave....making promises...

cry Not to argue
ot to share(especially snacks)
ends Not to skip classes
e night Not to gang up
ies Not to get committed
eals Not to spend excess
to.....What not!

ecret sides...some from our parents, some from our friends and
ey know us but we are changing all the time. Sometimes we go
crying like a child... Well we do a mistake feel the guilt and we
hat's just how we all are.....
ife....but then there's just no one listening!
e break the rules!
e make the rules!'
mings! One might go to the wide spread grounds for oxygen or
of us is likely to get our part of exercise walking step by step
path to the classes through the wild greens.
te or get caught or forget books or cross our crush or bunk class
ly normal day with our dedicated faculty.
s, Libraries, Charging points, Canteens, One day Battings, Birth-
Whatsapp stories, Screenshots and of course Exams in their own
wn part of fun and memories.
have friends we could give life for.....but then again we may not
alk forever!
re than many options. We are always in clusters. All the concen-
of achieving our dreams, against the hurdles we are scouted by
college is our shield to look into the cynically bizarre world.
ur eminent college. It sure has its own special warmth."

-
Ms. Himaja Narina
II B.Tech. CSE

"I feel that the Alumni of this college have to give something back, supporting the technical fests and future-student activities. I think there is no better way of giving back to my college. Will surely do that in the future.!"

Mr. K. Surya Teja, IV. B.Tech. CSE

"The struggles we faced, the hardships we endured, the pain we felt – they are all so very minute before the time we spent together. It's been a wonderful journey. Thank you all"

Ms. Nuthana N., IV. B.Tech. CSE

"This place brought us together. No emotion can express my feelings, that I developed here. Life has it's way of teaching and this was a 4-year long lesson, which taught me so much. I will remember it till the very end."

Mr. Muralidhar.M., IV. B.Tech. CSE

" Imagining that we all will head different directions is giving a chill in my spine. But we all are going to start our journeys of our purposes is making me proud."

Mr. Sachin Samrat P., IV. B.Tech. CSE

DEBUGGING

The Toughest hurdle in Programming

The toughest part of coding is not about writing the code for a problem it's about debugging the written code. As of my experience I spend most of my day debugging the previously written code. At some time you may feel that you want to rewrite the entire code but believe me that's the worst possible option you have unless your code is rotten to the core :-)

"Debugging is twice as hard as writing the code"

You always need to write your code as simple as possible and it should be clear enough to understand easily, because more Complex your code is the more tough it becomes to debug. Always write your code in a modular fashion. Naming variables as well as functions/ modules should be done carefully, these names should specify the work they do. Don't just ignore Warnings that your compiler or interpreter gives you, because you can solve most of the potential debugging problems by identifying the root of the warning in your code.

"Debugging is like being a detective in a crime movie where you are the murderer "

Always refrain from copying code snippets from some other persons code because it may have unforeseen errors or bugs which may destroy the entire code that you have written. Nothing is more frustrating than debugging same block of code again and again, this often happens when you copy paste the same code snippet at multiple parts of your code, instead of doing this you can just write module / function which does the same work you can call this function whenever you need the work done.

One of the efficient ways of debugging is to use breakpoints at different parts of your code using editors like Visual Studio or eclipse. You can also use print commands at different locations in your code to print the status of your code, this may help you to identify the bugs in your code.

Happy coding :-)

Mr. Aslam Basha .SK
III B.Tech., CSE

PAIN

Time and Money-these are the two things that drives / pushes mankind forward.Almost everyone believes this because we all are accustomed to it.
But that's not real.Behind all of this there is the one that plays with all,One that GOD likes most ,pain.yes, pain is the only game played by Life Maker that drives forward in terms of renaissance not only to mankind , to each and every being that lives on this Mighty Earth.

We all beleive in GOD.He is'nt kind and mercy what everyone taught us to beleive.He doesn't abide by those principles.He plays by bestowing pain on us.Pain tests ones Mettle, even to the stronger of the strongest.One who endures pain will survive and else will reach the fate of Dinosors which are the mightiest living being once on earth ,cannot cope up with pain and perished.

"Pain is a friend -Embrace it,
Pain is an Enemy -Subjugate it,
Pain is a battle -Triumph it,
Pain is an Obstacle -Conquer it,
Finally Pain is an Insult -Respect it."

With pain comes belief for hope,the only way of defeating pain.The stronger the pain,the stronger you have to be to challenge it.Pain makes us to be a believer.It makes us to believe that either we are done or we shall achieve something bigger , greater.If we choose first over second we shall drown in pain and cease realising our Destiny and in addition to that we tend to believe that this is our real destiny.Else if we opt second way where there is positive hope we ultimately reach our destination(Happyness), where the Lord Almighty resides.

Mr. Sarath Chandra Reddy Kikkuru
III B.Tech., CSE

Q & A with Rajesh Mummaneni

About a year ago, in the college, I became acquainted with a person who has continued to challenge and improve the scenarios in our Government Schools. He is very well known to us and he has represented Saakshar Organisation and our JNTU Vizianagaram at multiple places & events. He is none other than Rajesh Mummaneni who founded and led Saakshar Organisation to improve the communication skills and basic arithmetic of less privileged children in our Government Schools. Let's hear what Rajesh has to say about Saakshar Organisation.

Saakshar

Q. *What incident/event made/influenced you to set up this organisation?*

I had an issue of stage fear in the early days of my graduation. When I was in my first year, I had Just A Minute session in the English lab. Even though I thoroughly know the topic, I failed to speak before the whole class. I thought I should improve myself. After certain time period, I learned how to socialize with others, how to network with others and so on. Later on, I did multiple internships in startups over various verticals to implement my learnings.

One day, a thought came into my mind that, if a person like me who has got a very good education right from the childhood (Although, I come from a very rural and humble background) faces these kinds of problems, what about the students in Government Schools? This thought literally brought nightmares. My failure experience drove me towards the idea of Saakshar and help children achieve communication skills along with soft skills and basic arithmetic.

Q. *How do you manage and run your organisation?*

I don't micro-manage people. Instead, I build communities of Changemakers to handle operations smoothly. I have built Saakshar's communities in Navi Mumbai, New Delhi, Hyderabad, Guwahati, Vizianagaram and Pune to date. All the things are done via Whatsapp and Messenger. We have Whatsapp groups for every school and every city and we plan the things using those groups.

Q. *What was the most challenging problem you faced in the leadership and management of Saakshar?*

It's the one which most of the student entrepreneurs face. We have had a good volunteer base from the beginning due to the outreach I did and seminars I gave in the classes. But, we didn't have people to do take up this work like me. i.e go to college/work, come back and start working on Saakshar. In fact, I have had long hours working alone trying to strategize what should be done in the initial days. Although there are multiple people who joined me on the journey, they left at the very start itself as they couldn't manage time properly to Saakshar.

Q. *How would you describe the organization's culture/environment?*

Well, anyone who is reading this should read volunteer stories on Saakshar's blog(www.medium.com/@SaaksharOrganisation) sometime. Complete autonomy is provided to volunteers and they are always encouraged to come up with new ideas and to try new things. We have an energetic, engaging and friendly culture. Let me share you a couple of lines told by our volunteers. "Saakshar is a fun place to volunteer. Saakshar is a great place to give back, learn and grow."

Q. *How did Saakshar affect you personally and mentally?*

Ah! I learned a ton of new things. If you ask me what is the most important thing you learned at Saakshar, I would definitely say patience. I'm a lot more patient and calmer than I used to be before.

Q. ***How do u see yourself in the coming years?***

Saakshar Organisation is going to pull its shutters down on 24th March 2018. I do agree that it's going to be an unpleasant, shocking and unspeakable update from Saakshar. However, truth should always be told whatever it is. I am extremely saddened to inform this and there are multiple reasons behind this decision. The first and foremost problem being the model which we have in place is not working up to our expectations. The results we have had are really inspiring, however, they are nowhere close to what I have in my mind. It seemed like a good idea of building communities of people who want to volunteer and connecting them with Government schools to improve communication skills, basic arithmetic and ultimately learning levels of less privileged children. However, this is not happening due to multiple reasons. Our volunteers know them very well. Trust me when I say this, but it was for reasons that were beyond my control and shutting down seemed the best way forward.

Now, this might seem like an ending for some, but it is not. You might be wondering what will happen to existing volunteers and schools, well, I'm happy to say that the original experience & give back culture that Saakshar has created had inspired people so much that these people will continue to give back in whichever way possible in the future too. Schools which we took up currently in Vizianagaram continue to run as a community run(JNTUV) initiative rather than Saakshar's initiative. I'll do my level best to make sure to continue the existing operations in future by volunteers itself before shutting down i.e 24th March 2018. Our volunteer's support was beyond what I can put down in words. I'm truly and totally heartbroken because our volunteers, children and schools loved Saakshar and this feels like betraying their hope, trust and well wishes. Please accept my sincere apologies.

It's just that Saakshar Organisation is shutting down, but it's not my enthusiasm to give back to society or my intent to make the world a better place to live in. I have a couple of social enterprise ideas tinkering and progressing in my mind for addressing the unemployment gaps in rural India. When it comes to what's next, the only thing I can say right now is I'll be back with something new and it will be bigger and better this time. Let's see what the future holds in store.

Questioner
Mr. Harsh Bharath Nimmakuri
III B.Tech. CSE

Saakshar was featured by

The Positive India

THE OPTIMIST CITIZEN
CREATING OPTIMISM THROUGH POSITIVE STORIES

చాయ్ బిస్కెట్ CHAI BISKET

PaisaWapas.com

dailyhunt

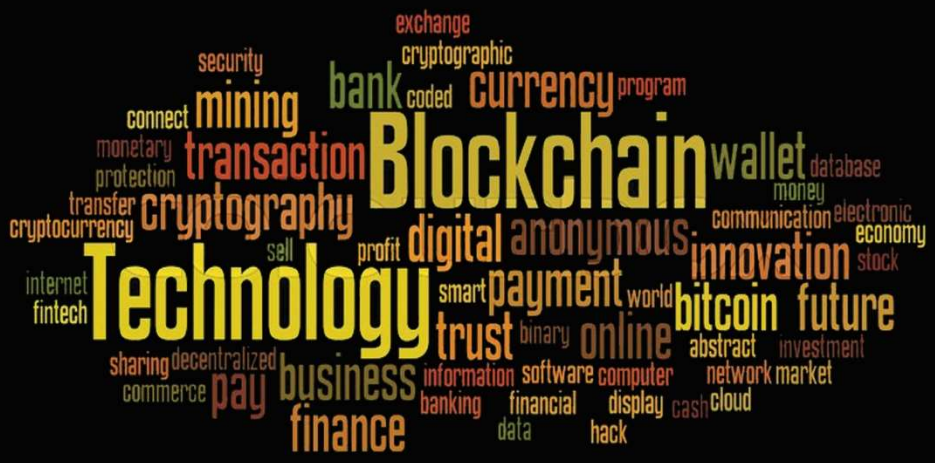
'సాక్షర'కు జాతీయ స్థాయి గుర్తింపు

విజయనగరం అర్బన్: జేఎన్‌టీయూ విద్యార్థి ముమ్మునేని రాజేష్ స్థాపించిన సాక్షర సేవా సంస్థకు జాతీయ స్థాయిలో గుర్తింపు లభించింది. ప్రతిష్ఠాత్మక 'అశోకా ఇండియా' అనే సంస్థ జాతీయ స్థాయిలో ఎంపిక చేసిన 18 సామాజిక సేవా సంస్థలలో ఒకటిగా నిలిచింది. ప్రభుత్వ ప్రాథమిక పాఠశాలలో నాణ్యమైన విద్యను అందించడమే లక్ష్యంలో సాక్షర సంస్థ ఏర్పడింది. గ్రామీణ ప్రాంతాల్లో ఆధునిక పరిజ్ఞానాన్ని ఏ విధంగా ఉపయోగించుకోవాలో తెలియజేస్తూ సంస్థ చేసిన సామాజిక సేవలకు గుర్తింపు లభించింది. ఈ సందర్భంగా కళాశాలలో శుక్రవారం జరిగిన కార్యక్రమంలో రాజేష్, సంస్థ సభ్యులను కళాశాల ప్రిన్సిపాల్ ప్రొఫెసర్ వి.శ్రీనివాసులు అభినందించారు. సంస్థ సభ్యులు రమణి, కె.వంశీకృష్ణ, ఏ.దుర్గా శార్వాణి చేసిన కృషిని కొనియాడారు. కార్యక్రమంలో వైస్ ప్రిన్సిపాల్స్ డాక్టర్ జి.స్వామినాయుడు, డాక్టర్ జి.సరస్వతి, పీఎస్‌ఈ విభాగాధిపతి డాక్టర్ ఆర్.రాజేశ్వరావులు పాల్గొన్నారు.

అభినందిస్తున్న జేఎన్‌టీయూ ప్రిన్సిపాల్ ప్రొఫెసర్ శ్రీనివాసులు

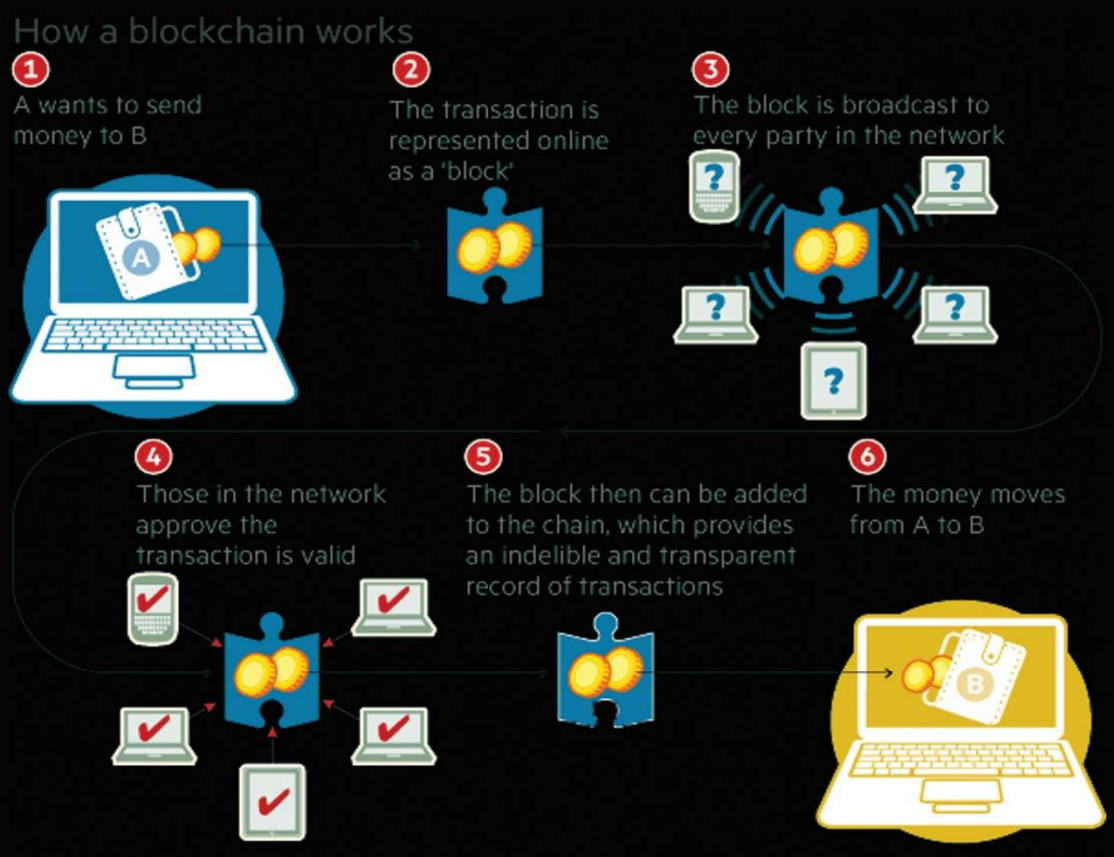
సాక్షి Sat, 12 August 2017
epaper.sakshi.com//c/21306179

- Blockchain is a digital software technology, that protects the integrity of a digital piece of information.
- Blockchain is a new way to store and record transactions. It's like a traditional database.
- This Blockchain technique was adopted by "SATOSHI NAKAMOTO" to invent cryptocurrency "Bitcoin".
- As the name indicates, Blockchain is a chain of blocks that contains information.
- It is a distributed ledger that is completely open to anyone.
- Once data is recorded in Blockchain, it is difficult to alter them.
- The Blockchain used in "Bitcoin", stores details about the transaction such as sender, receiver, and amount of coins.
- A block also has a "hash". We can compare a hash to a fingerprint.
- A "hash" identifies a block and all of its contents and it is always unique like a fingerprint. Once Block is created its hash is calculated.



- Blockchains use “P2P” network and everyone is allowed to join.
- When someone joins in the network, he gets full copy of the Blockchain.
- When someone created a new block, that block is sent to everyone on the network.
- Blockchain enables moving of bitcoins from one individual to another.
- Blockchain attempts to transfer money without any trusted third party.
- In Blockchain everyone can decide whether the consumption is valid or not.
- Blockchain technology can also be used for online signature services, voting systems, preserving medical records, E-notary service, collecting taxes online, etc.
- We can implement a simple blockchain in java script.

Mr. I. SAJID ALI
I B.Tech., CSE



TECHNEWS

AI Just Learned How to Boost the Brain's Memory Wired

Researchers at the University of Pennsylvania have demonstrated how machine-learning algorithms can decode and augment human memory by triggering the delivery of precisely timed pulses of electricity to the brain. "We're using it to build...something that can look at electrical activity and say whether the brain is in a state that's conducive to learning," says University of Pennsylvania professor Michael Kahana. The project involved 25 epilepsy patients with electrodes implanted in their brain, which were used to record high-resolution brain activity during memory tasks. From the training data the team built algorithms that predicted which words in a list each patient would likely recall based solely on their electrode activity. "A closed-loop system lets us record the state of the subject's brain, analyze it, and decide whether to trigger a stimulation, all in a few hundred milliseconds," Kahana says. He notes the system improved patients' ability to remember words by an average of 15 percent.

A 'Virtual Wall' That Improves Wireless Security and Performance

Researchers at Dartmouth College have used three-dimensional (3D) printing to produce an inexpensive reflector that directs wireless signals to where users need them most, which could enhance Wi-Fi signals and strengthen wireless security. Tailoring the coverage of wireless networks inside buildings is important to improving signal reception in desired areas while weakening signals in others, and by shaping wireless signals users can increase wireless efficiency by lessening the signal-deadening impact of building materials and interior layouts. The researchers improved on previous studies with a systematic approach to optimizing reflector shapes for enabling a more developed set of signal distributions. They designed an algorithm that optimizes a reflector's 3D shape to target wireless coverage, and also developed an approach to simulating how radio signals spread and interact with objects in their environment. The researchers were scheduled to present their findings today at the ACM International Conference on Systems for Energy-Efficient Built Environments (BuildSys 2017) in Delft, the Netherlands

Bitcoin Wallets Vulnerable to Security Hacks

Researchers at the University of Edinburgh in the U.K. say they have conducted an in-depth security analysis of the communications systems used in popular models of Bitcoin wallet. The team identified some security flaws, but also determined how some of them might be rectified. They created a piece of malware that could intercept messages sent between hardware wallets and computers where users manage their bitcoin accounts, and tests confirmed that users' privacy is unprotected, and also showed how easy it is to access bitcoin funds managed by such devices and divert them to a different account. Based on the research, the team has proposed a solution for improving the security of such systems by encrypting specific messages sent between bitcoin wallets and computers, which they say makes them much more secure. The researchers say their technology could be incorporated into all bitcoin hardware wallets to offer better protection against hackers.

New Depth Sensors Could Be Sensitive Enough for Self-Driving Cars

Researchers at the Massachusetts Institute of Technology (MIT) Media Lab are developing imaging systems that utilize "time of flight," an approach that measures distance by gauging the time it takes light projected into a scene to bounce back to a sensor. The researchers say the new approach to time of flight imaging increases the technology's depth resolution 1,000-fold, a breakthrough that could make self-driving cars practical. In addition, they say the new approach could enable accurate distance measurements through fog, which has proven to be a major obstacle to the development of self-driving cars. At a range of two meters, existing time of flight systems have a depth resolution of about a centimeter. However, the new MIT system has a depth resolution of three micrometers, suggesting that at a range of 500 meters, the system could achieve a depth resolution of only one centimeter.

IEEE Launches Ethical Design Guide for AI Developers

IEEE this week has published for comment its second Ethically Aligned Design document in an attempt to ensure increasingly pervasive autonomous and intelligent systems "remain human-centric." "These systems have to behave in a way that is beneficial to people beyond reaching functional goals and addressing technical problems," the document says. "This will allow for an elevated level of trust between people and technology that is needed for its fruitful, pervasive use in our daily lives." Among the topics the guide encompasses are autonomous system transparency, data privacy, algorithmic bias, mixed reality, and the overt or concealed manipulations by intelligent systems designed to shape a user's behavior or emotions. "Defining what exactly 'right' and 'good' are in a digital future is a question of great complexity that places us at the intersection of technology and ethics," says University of Sydney in Australia professor Rafael Calvo.

The 3D Selfie Is Here

Researchers at the University of Nottingham and Kingston University in the U.K. have developed a new Web application that can render a two-dimensional (2D) facial image as a three-dimensional (3D) construct. The researchers say people can use the app to upload a single color image and quickly produce a 3D model showing the shape of their face. The team trained a machine-learning convolutional neural network on a massive dataset of 2D pictures and 3D facial models, enabling it to reconstruct 3D facial geometry from a single 2D image while also deducing the non-visible parts of the face. "The main novelty is in the simplicity of our approach, which bypasses the complex pipelines typically used by other techniques," says Nottingham professor Georgios Tzimiropoulos. "We instead came up with the idea of training a big neural network on 80,000 faces to directly learn to output the 3D facial geometry from a single 2D image."

Why We Need to Improve Cloud Computing's Security

There is a clear need to augment the security and privacy of cloud computing, writes Singapore Management University professor Robert Deng, who is researching a new cloud security model. "We are aiming at providing cloud data security and privacy protection under a new threat model that more accurately reflects the open, heterogeneous, and distributed nature of the cloud environment," Deng notes. He says the model is founded on the assumption that cloud servers are inherently untrustworthy. "The central approach of our research is thus to embed protection mechanisms, such as encryption and authentication, into the data itself," Deng notes. "In this way, data security and privacy remain even if the cloud itself is compromised, all while enabling authorized [users] to access and process shared data." Deng's team has developed a messaging system to ensure only users with attributes matching a message's access policy can receive and decrypt it.

Mind-Reading Computer Moves Closer to Reality

Researchers at the Chinese Academy of Sciences (CAS) have developed Deep Generative Multiview Model (DGMM), a mind-reading program that deciphers symbols that people have viewed. The software scans a person's brain activity and then redraws the numerals and symbols previously seen by the subject. The program uses functional magnetic resonance imaging (fMRI) imaging to analyze the visual cortex and capture brain activity data. The researchers then run an algorithm on the data, which interprets the signals and maps them, thus recreating the image. "Now, eerily sophisticated software is starting to decode that brain activity and assign meaning to it; fMRI is also becoming a window on the mind," the CAS researchers say. Although other techniques have been used to achieve the same feat, the CAS researchers claim their method is the most accurate. The researchers say their technology eventually could be used to record and re-watch dreams.

An Indian Computer Scientist Helped Build an Alternative Programming Language in Bengaluru

Julia Computing CEO Viral Shah co-created the free and open source Julia programming language, which is gaining traction as a substitute for more entrenched languages such as MATLAB and Python. Julia is designed for developing advanced analytical apps while maintaining ease of use. Shah says Julia overcomes a key problem faced by users of analytical apps--the two-language problem--which can be especially frustrating for users who are not programmers by training. "What ends up happening is...you write your algorithm first in a high-level language and then rewrite it in a low-level language for performance, or taking it live," Shah says. "And so you end up writing everything twice." So far, only a handful of Indian universities currently are teaching Julia, and Shah blames the curriculum's centrally-driven composition, which typically leaves professors with little autonomy to choose the kind of programming languages they want to teach.

How Criminals Can Steal Your PIN by Tracking the Motion of Your Phone

Researchers at Newcastle University in the U.K. have demonstrated that malicious websites and installed applications can spy on people by exploiting movement data from smartphone sensors. The researchers say the movement data can be used to compromise people's four-digit PINs with 70-percent accuracy on the first guess. "Because mobile apps and websites don't need to ask permission to access most of them, malicious programs can covertly 'listen in' on your sensor data and use it to discover a wide range of sensitive information about you," says Newcastle's Maryam Mehrnezhad. The researchers found 25 distinct sensors that are standard elements on most smart devices, providing information about devices and users. "Because there is no uniform way of managing sensors across the industry, they pose a real threat to our personal security," Mehrnezhad notes. "One way would be to deny access to the browser altogether, but we don't want to lose all the benefits associated with in-built motion

Teaching Robots to Teach Other Robots

Researchers at the Massachusetts Institute of Technology's Computer Science and Artificial Intelligence Laboratory have developed C-LEARN, a system designed to enable non-coders to educate robots in a range of tasks by supplying some information about how objects are usually manipulated and then showing the robot a single demonstration. C-LEARN lets users teach robots skills that can be automatically passed on to other robots that move in different ways. The user first provides the robot with a knowledge base of information on how to reach and grip various objects with different constraints. The operator then employs a three-dimensional interface to show the robot a single demonstration of the task, represented by a series of "keyframe" movements. Matching these keyframes to the different situations in the knowledge base enables the robot to automatically suggest motion plans for the operator to approve or change as needed.

Intel Accelerates Its Quantum Computing Efforts With 17-Qubit Chip

Intel is shipping an experimental quantum computing chip to research partners in the Netherlands to demonstrate that its packaging and integration technology give the company an edge in developing practical quantum computers. The chip contains 17 superconducting quantum bits (qubits), the minimum for performing surface code error correction, an algorithm needed to scale up quantum computers to useful sizes. Intel's research partners will be testing the individual qubits' abilities and conducting surface code error correction and other algorithms. For the new chip, Intel adapted flip chip technology to work at millikelvin temperatures. Flip chip technology involves adding a dot of solder to each bond pad, flipping the chip upside down atop the circuit board, and melting the solder to bond it--resulting in a smaller, denser, and lower inductance connection. By developing the infrastructure technology along with quantum computing chips, "we're putting in the work to deliver something that looks more like a computer," says Intel's Jim Clarke.

The NOSTALGIA

Years have passed like days. Maybe it's because I fell in love with this place, with the people and with myself after all. The past four years have been different. I know we all will be coming back here again for every holiday, we have gone home. But this time, I know we will not be coming back together. The experience I had with this place cannot be expressed with just the 26 letters of the English alphabet. It's quite amazing.

Many things happened in these four years. We had parties, we went to the movies, we went to the restaurants, we visited places, we bunked classes, we have written exams, we passed, we failed, we played, we jumped, we sang, we danced, we fought, we reconciled, we cried, we overslept, we achieved, we lost, we won, we humiliated, we were humiliated, we smiled, we wept, we made things, we broke things, we refused, we accepted, we protested, we washed, we cooked, we sneaked, we peeked, we laughed, we made friends, we made enemies, we rushed, we journeyed, we got hurt, we did hurt, we listened, we spoke, we were right, we were wrong, we wronged, we were wronged, we were tall, we were short, we were fat, we were thin, we were fair, we were brown, we lied, we swore, we were weak, we were strong, we were one, we enjoyed, we sorrowed, we celebrated, we liked, we loved, and most of all we lived.

Life has many twists and turns. And my life in the past four years with you, to explain in short is the above. I had good companions, I have guides, I have good mentors, I have good teachers, I have good pointers, I have good supporters. The day we will depart is nearing. No life nor death can bring back us all together. You all have been my family for the past four years. I have had great feelings for you. I have developed various emotions with you. It is because of you all, I am what I am today. I am grateful for you all people.

But, in the future, whatever you do, wherever you are, remember we were here, at this place at one point in time.....

Dedicating to all my friends & Faculty.

Mr. Sumanth Kothapalli
IV B.Tech., CSE

ప్రజాశక్తి

'క్రెసెన్స్' బ్రోచరును ఆవిష్కరిస్తున్న కళాశాల ప్రిన్సిపల్, ప్రొఫెసర్లు

విషయ పరిజ్ఞానానికి 'క్రెసెన్స్' దోహదం

జెఎన్‌టియు ప్రిన్సిపల్ శ్రీనివాసులు

THE HINDU

ANDHRA PRADESH

Symposiums held

FEBRUARY 28, 2017 00:00 IST
UPDATED: FEBRUARY 28, 2017 03:57 IST

CORRESPONDENT

SHARE ARTICLE | PRINT | A | A

The Departments of ME and CSE of JNTU (K) University College of Engineering here on Monday organised symposiums titled 'MECHANO–MMXVII' and 'CreSensE-2K17' on its premises. Ch. Suryanarayana, Associate Director from NSTL, Visakhapatnam, and Sunder Viswanathan from TCS,inaugurated the symposiums, in which a number of students from the two Telugu states participated.

సామర్థ్యం పెంపొందించుకోవాలి..

- టీసీఎస్ సీనియర్ కన్సల్టెంట్ విశ్వనాథన్
- జేఎన్‌టీయూలో జాతీయ సాంకేతిక సమ్మేళనం ప్రారంభం

విజయనగరం అర్బన్ : యువ ఇంజినీర్లు సామర్థ్యం పెంపొందించుకోవాలని టీసీఎస్ సీనియర్ కన్సల్టెంట్ సుందర్ విశ్వనాథన్ అన్నారు. స్థానిక జేఎన్‌టీయూ ఇంజినీరింగ్ కళాశాలలో ఈ నెల 27, 28 తేదీల్లో కంప్యూటర్ సైన్స్ విభాగం ఆధ్వర్యంలో 'క్రెసెన్స్-2కె17' పేరుతో జాతీయ సాంకేతిక సమ్మేళనం నిర్వహించనున్నట్లు ఆ కళాశాల ప్రిన్సిపాల్, ప్రొఫెసర్ వి.శ్రీనివాసులు ఆదివారం ఒక ప్రకటనలో తెలిపారు. వివిధ రాష్ట్రాలకు చెందిన సుమారు 600 మంది విద్యార్థులు సమ్మేళనంలో పాల్గొంటారని పేర్కొన్నారు. కార్యక్రమంలో విభాగాధిపతి ప్రొఫెసర్ కె.రాజేశ్వరావు, సమ్మేళన నిర్వాహకులు టి.శివరామ కృష్ణ, అధ్యాపకులు ఎస్.సురేఖ, వివిధ విభాగాలకు చెందిన అధ్యాపకులు పాల్గొంటారని తెలిపారు.

సావనీర్‌ను ఆవిష్కరిస్తున్న ఎస్ఎస్‌టీఎల్ (విశాఖ) ప్లాంట్స్ సూర్యనారాయణ

సాక్షి Tue, 28 February 2017 epaper.sakshi.com//c/17172565

27, 28 తేదీల్లో జాతీయ సాంకేతిక సమ్మేళనం

సాంకేతిక సమ్మేళనం బ్రోచర్లు విడుదల చేస్తున్న జేఎన్‌టీయూ ఇంజినీరింగ్ కళాశాల ప్రిన్సిపాల్ శ్రీనివాసులు తదితరులు

సాక్షి Thu, 16 February 2017 epaper.sakshi.com//c/16896106

జేఎన్‌టీయూలో 27,28 తేదీల్లో జాతీయ సమ్మేళనం

విజయనగరం అర్బన్, న్యూస్‌టుడే: జేఎన్‌టీయూ విజయనగరం ప్రాంగణంలో ఈనెల 27,28 తేదీల్లో కంప్యూటర్ సైన్స్ విభాగం ఆధ్వర్యంలో జాతీయస్థాయి సాంకేతిక సమ్మేళనం (క్రెసెన్స్,2017) జరుగుతుందని ప్రధానాచార్యులు వి.శ్రీనివాసులు తెలిపారు. బుధవారం ప్రాంగణంలో సమ్మేళనం గోడపత్రికలను ఆవిష్కరించారు. సమ్మేళనానికి వివిధ సాంకేతిక కళాశాలల నుంచి 600 మంది విద్యార్థులు హాజరు కానున్నారన్నారు. సీఎస్ఈ విభాగాధిపతి రాజేశ్వరరావు, సమ్మేళనం నిర్వాహకులు టి.శివరామకృష్ణ, ఎస్.సురేఖ, అధ్యాపకులు, విద్యార్థులు పాల్గొన్నారు.

జాతీయ సాంకేతిక సమ్మేళనం

విజయనగరం అర్బన్ : జేఎన్‌టీయూ ఇంజినీరింగ్ కళాశాలలో ఈ నెల 27, 28 తేదీల్లో కంప్యూటర్ సైన్స్ విభాగం ఆధ్వర్యంలో 'క్రెసెన్స్-2కె17' పేరుతో జాతీయ సాంకేతిక సమ్మేళనం నిర్వహించనున్నట్లు ఆ కళాశాల ప్రిన్సిపాల్, ప్రొఫెసర్ వి.శ్రీనివాసులు ఆదివారం ఒక ప్రకటనలో తెలిపారు. వివిధ రాష్ట్రాలకు చెందిన సుమారు 600 మంది విద్యార్థులు సమ్మేళనంలో పాల్గొంటారని పేర్కొన్నారు. కార్యక్రమంలో విభాగాధిపతి ప్రొఫెసర్ కె.రాజేశ్వరావు, సమ్మేళన నిర్వాహకులు టి.శివరామ కృష్ణ, అధ్యాపకులు ఎస్.సురేఖ, వివిధ విభాగాలకు చెందిన అధ్యాపకులు పాల్గొంటారని తెలిపారు.

సాక్షి Mon, 27 February 2017 epaper.sakshi.com//c/17167074

జాతీయ సాంకేతిక సమ్మేళనం

విజయనగరం అర్బన్ : జేఎన్‌టీయూ ఇంజినీరింగ్ కళాశాలలో ఈ నెల 27, 28 తేదీల్లో కంప్యూటర్ సైన్స్ విభాగం ఆధ్వర్యంలో 'క్రెసెన్స్-2కె17' పేరుతో జాతీయ సాంకేతిక సమ్మేళనం నిర్వహించనున్నట్లు ఆ కళాశాల ప్రిన్సిపాల్, ప్రొఫెసర్ వి.శ్రీనివాసులు ఆదివారం ఒక ప్రకటనలో తెలిపారు. వివిధ రాష్ట్రాలకు చెందిన సుమారు 600 మంది విద్యార్థులు సమ్మేళనంలో పాల్గొంటారని పేర్కొన్నారు. కార్యక్రమంలో విభాగాధిపతి ప్రొఫెసర్ కె.రాజేశ్వరావు, సమ్మేళన నిర్వాహకులు టి.శివరామ కృష్ణ, అధ్యాపకులు ఎస్.సురేఖ, వివిధ విభాగాలకు చెందిన అధ్యాపకులు పాల్గొంటారని తెలిపారు.

సాక్షి Mon, 27 February 2017 epaper.sakshi.com//c/17167074

అశోకాఇండియాకు జెఎన్‌టియు విద్యార్థి ఎంపిక

విజయనగరం, టౌన్ ఆగస్టు 11(జెఎన్‌ఎన్): ప్రతిష్ఠాత్మకమైన అశోకా ఇండియా సంస్థ దేశవ్యాప్తంగా ఎంపికచేసిన 18 సామాజిక సేవాసంస్థల్లో పట్టణంలోని జెఎన్‌టియు ఇంజినీరింగ్ కళాశాలలో బి.టెక్‌చదువుతున్న ముమ్మునేని రాజేష్ కవిందిన సాఫ్ట్ అర్గనైజేషన్ ఎంపికైంది. ప్రభుత్వప్రాథమికపాఠశాలలో,నాణ్యమైన విద్యనందించటం గ్రామీణప్రాంతాల్లో ఆధునిక పరిజ్ఞానాన్ని ఏవిధంగా ఉపయోగించుకోవాలి అనే అంశాలపై ఈ అర్గనైజేషన్ నిర్వహిస్తుందని రాజేష్ తెలిపారు. దీనిపై జెఎన్‌టియుకె కళాశాల ప్రిన్సిపల్ డాక్టర్ విశ్రీనివాసులనాయుడు సి.ఎస్.ఇ. విభాగాధిపతి డాక్టర్‌రాజేశ్వరరావులు అభినందించారు.

ఆంధ్రజ్యోతి Sat, 12 August 2017 epaper.prabhanews.com//c/21306614

ANDHRA PRADESH

Workshop on Python Programming begins

CORRESPONDENT

VIZIANAGARAM, JULY 02, 2017 00:00 IST
UPDATED: JULY 02, 2017 04:16 IST

A two-day "Instructional Workshop on Python Programming", organised by the Computer Science Engineering Department of JNTU (K) University on the college campus here, began on Saturday.

Python Programming has been included in the syllabus for the first semester of B. Tech II year students, said Principal of the college V. Sreenivasulu.

Faculty members

In a release, he said that keeping in view the importance of Python Programming in scientific applications, data analytics, Internet of Things and web applications, the workshop was organised for the benefit of faculty members. More than 70 faculty members from various colleges attended the workshop.

విద్యార్థులకు ప్రశంసాపత్రాలను అందజేస్తున్న ఉప ప్రధానాచార్యులు

కంప్యూటర్ పరిజ్ఞానం ఉండాలి

విజయనగరం అర్బన్, న్యూస్‌టుడే: సాంకేతిక అభివృద్ధి చెందుతున్న రోజుల్లో ప్రతి విద్యార్థికి కంప్యూటర్ పరిజ్ఞానం ఉండాలని జేఎన్‌టీయూలో ఉప ప్రధానాచార్యులు జి.సరస్వతి తెలిపారు. శుక్రవారం జేఎన్‌టీయూలో మాట్లాడారు. శిక్షణ తరగతుల ముగింపు కార్యక్రమంలో పాల్గొన్నారు. శిక్షణ తరగతులకు 70 మంది విద్యార్థులకు ప్రశంసాపత్రాలు అందజేశారు. సీఎస్ఈ విభాగాధిపతి రాజేశ్వరరావు, సమన్వయాధికారి వెంకటేష్, అధ్యాపకులు శివరాం పాల్గొన్నారు.

ముగిసిన జాతీయ సదస్సులు

- అలరించిన సాంస్కృతిక కార్యక్రమాలు

విజయనగరం రూరల్: జేఎన్‌టీయూ(విజయనగరం)లో రెండు రోజుల పాటు జరిగిన జాతీయ స్థాయి సదస్సులు మంగళవారంతో ముగిసాయి. కళాశాల ప్రిన్సిపాల్ ప్రొఫెసర్ వి.శ్రీనివాసులు ఆధ్వర్యంలో మెకానికల్, కంప్యూటర్ సైన్స్ ఇంజినీరింగ్ విభాగాల ఆధ్వర్యంలో జాతీయ స్థాయి టెక్నికల్ సింపోజియం, క్రెసెన్స్-2017పై సదస్సులు నిర్వహించారు. ఈ సందర్భంగా పలువురు నిపుణులు మాట్లాడుతూ, ప్రతీ విద్యార్థి తమ ప్రతిభను వెలికి తీసి దేశాభివృద్ధికి పాటుపడాలని ఆకాంక్షించారు. ఆయా విభాగాల్లో పరిశోధనలు చేసి, సమాజానికి ఉపయోగపడేలా చూడాలన్నారు. అలాగే పలు ప్రదర్శనలు ఏర్పాటు చేసి, క్విజ్ పోటీలు నిర్వహించారు. ఈ కార్యక్రమంలో నిర్వాహకులు వి.శివరామకృష్ణ, ఎస్.సురేఖ, కంప్యూటర్ సైన్స్ విభాగాధిపతి ఆర్.రాజేశ్వరావు తదితరులు పాల్గొన్నారు. అనంతరం విద్యార్థులు నిర్వహించిన సాంస్కృతి కార్యక్రమాలు అలరించాయి.

డ్యాన్స్ చేస్తున్న విద్యార్థులు

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This Time That Year

Department of CSE organised a Two day National Level Technical Symposium 'CreSensE2k17' on 27th & 28th, February 2017.

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