

STUDENTS REPRESENTATIVES



D.JESSI MERCEDES II-
CSE- A



A.BANDHAVI II-
CSE-B



R.RAAGHAVI III
CSE-A



MOHAMMAD ARSHAD III
CSE-B

"Anyone who stops learning is old, whether at twenty or eighty. Anyone who keeps learning stays young" - Henry Ford

EXECUTIVE MEMBERS :

- Dr.S M Roy Choudri
-Professor & Head Of The Department
- Dr.K P N V Satya Sree
-Professor & Coordinator Of Technozola
- Mr. M.G. Balaiah
-Asst.Professor & Co-coordinator Of Technozola



Visit Us : www.technozola.com



USHARAMA
COLLEGE OF ENGINEERING AND TECHNOLOGY

CO- ORDINATORS



Editor-in-Chief
B.S. Vara Prasad
Asst. Professor CSE



Associate Editor
R. Mercy Virginia
Asst. Professor CSE



Manuscript Editor
Mrs. S. Aswini
Asst. Professor of S & H



Technical Editor
Mr. M. Sambasiva Rao
Professor Of CSE

Train Teachers As Per New Curriculum, AICTE Tells Colleges

TNN | Aug 7, 2018, 02:08 IST

Illustration for representational purpose.

GREATER NOIDA: The All India Council for Technical Education has sent a proposal to all technical colleges and institutes to provide mandatory training for teachers as per the council's new curriculum. Vice-chairman of AICTE, Dr M P Poonia, said all those who clear this training should be selected and the rest should be eliminated.

On the AICTE's proposal to start a common engineering entrance test, they said some states which have not updated their curriculum have objected to initiative the proposal. Some states were resisting the move. For example, a test never took place in Tamil Nadu. As, they have not changed the curriculum for the past 15 years. Similarly, West Bengal has objected because they had a different problem. The move cannot be initiated unless everyone comes on a common platform. The AICTE has pitched for a common engineering test on the lines of the NEET. While addressing students at Sharda University, he also spoke about the dismal state of technical education and has said that while India has the infrastructure to teach 37 lakh students, where only 20 lakh students take admission.

"Out of these 20 lakhs, only 13 lakhs get degrees after four years. Seven lakh students drop out either because teachers could not create interest or the students were not capable of paying the fee. Out of 13 lakh, only seven lakh get placed. Where will the rest six lakh go?", Mr. Poonia questioned. Citing a recent survey conducted by Stanford University for MRHD for level assessment of school and college students, Mr. Poonia said it was found that at the school-level, students are nowhere compared to the Chinese and Russian counterparts.

"The reason is that we never let our children speak. First, parents don't let their children speak at home and later, teachers don't let them speak at the school. They are asked to learn communication skills but not talk," he added. He added that while the college students too were not at par with their counterparts in Russia and China, their learning curve was. "As soon as the students get autonomy, they perform better

The learning rate among girls/SC/ST/OBC students was also better, the survey found. They, however don't reach the Chinese and Russian counterparts as the latter's foundation is very strong," Mr. Poonia stated.



SPEC SER - 2K18
JNTU - Narasaraopet (24th September 2018)
Prize Winners



ACHIEVEMENTS

- TEACHER'S DAY
- STUDENTS AT JNTU - NARSARAOPET

Engineering Can Be A Future?



Looking at the number of engineering colleges in India and the number of engineers coming out of these colleges, the questions that form in everyone's minds are, "does India need so many engineers?" Are they all employable? The negativism brought forth by such questions has crippled engineering education in India.

In this global era, rather than focus on India, the question should be whether the world needs so many engineers. The answer is a big, "yes." Is there a need for scientists? The answer is again, "yes." The world needs in plenty well-equipped, talented graduates with the right attitude. There are job opportunities for those who have the potential. In addition, opportunities for self-employment are also plenty for innovative and energetic minds.



"It is a greater work to educate a child, in the true and large sense of that phrase, than to rule a state."

"The dream begins, most of the time, with a teacher who believes in you, who tugs and pushes and leads you on to the next plateau, sometimes poking you with a sharp stick called truth."



ON SEP 20



IVYR CSE FROM USHA RAMA ENGINEERING COLLEGE HAS ATTENDED THE JANABHERI CONDUCTED BY HON.CM.DR.N.CHANDRA BABU NAIDU GARU



OUR TEAM HAS SHOWCASED THEIR PROJECTS IN JNANABHERI

TECHNOZOLA NEWS

- REPORT OF FIRST YEAR ANNIVERSARY OF TECHNOZOLA
- ENGINEER'S DAY CELEBRATIONS AT TECHNOZOLA
- JANABHERI

ON SEP
15

All Technical Events conducted in different dates of CSE department in various rooms. Students from 2,3 and 4th years Computer Science participated. We have total count of 150 students registered for different events and in particular we have 35 students in Reverse Coding 140 students for KNOW YOUR PC.



KNOW YOUR PC: WINNER Receiving the Memento from the URCEC Principal - Dr.G.V.S.K.V.Prasad



The Association launched 1st year magazine for TECHNOZOLA and it is also published in ISSUU: Digital Publishing for magazine publications as e-journal. All events were completed by 4pm with the winners list.

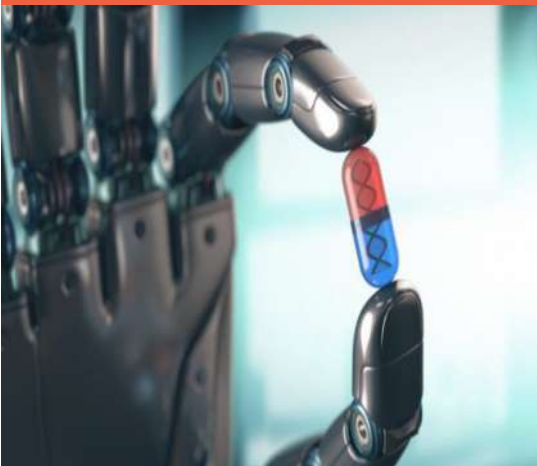


The Association launched 1st year Magazine for TECHNOZOLA and it is also published in ISSUU: Digital Publishing for Magazine publications as e-journal.



ARTICLE

MACHINE INTERVENTIONS



There is hardly any doubt left in people's mind regarding the future of Artificial Intelligence (AI) and its unimaginable potential. It is almost certain that in few years it will revolutionize every aspect of our life, including healthcare.

Just last year Artificial Intelligence scientist Sebastian Thrun and his colleagues at Stanford University demonstrated that a "Deep Learning" algorithm was capable enough to diagnose potentially cancerous skin lesions as accurately as a board certified dermatologist.

This finding was part of a stream of reports submitted this year offering us an early glimpse into a new area where software could diagnose diseases as accurately if not more as a qualified doctor. AI can definitely guide healthcare professionals in diagnosis of diseases if not compete with them.

BY
Md.Arshad
3rd year CSE-B

ARTICLE

• GOOGLE IS USING AI FOR PREDICTING FLOODS AND WARNINGS USERS IN INDIA

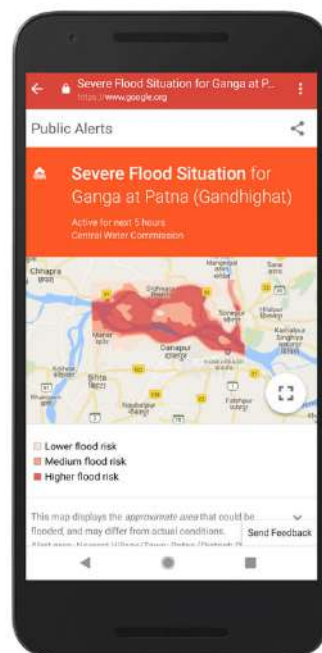


"It is estimated that every year, 250 million people around the world are affected by floods, also costing billions of rupees in damages. Flood forecasting can help individuals and authorities better prepare to keep people safe, but accurate forecasting isn't currently available in areas and the warning systems that do exist can be imprecise and non-actionable, resulting in far too many people being underprepared and underinformed before a flood happens". Flood alerts shown to users in the Patna region.

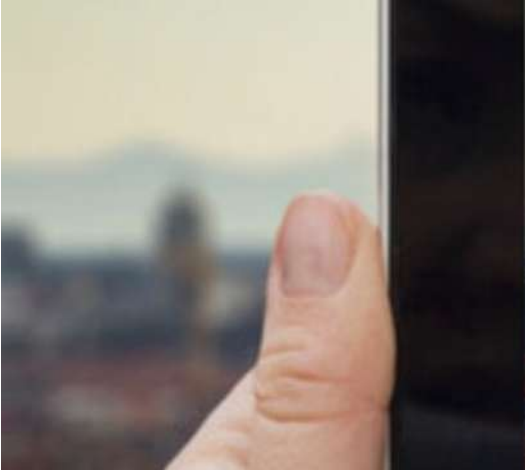


"To help improve awareness of impending floods, we're using AI and significant computational power to create better forecasting models that predict when and where floods will occur, and incorporating that information into Google Public Alerts", the executive noted. The Company uses a variety of elements like data from historical events and river level readings, to the terrain and elevation of a specific area.

This data is then fed into its AI models that generate maps and run up to thousands of simulations in each location. With this information, Google's AI was able to create river flood forecasting models that are said to more accurately predict when a flood might occur, along with the severity of the event.



BY
N.Yamini
2nd Year CSE-B



ARTICLE

DIGITAL TWINS



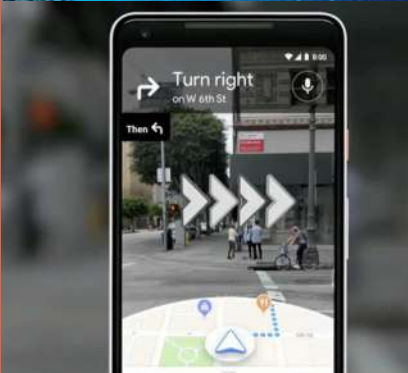
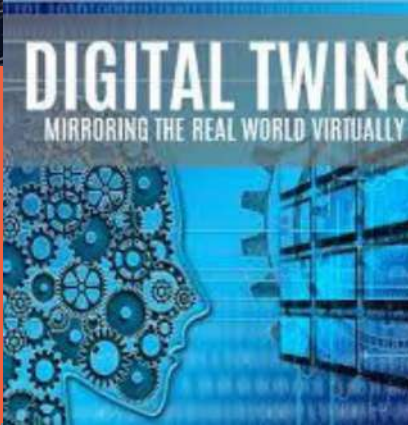
Digital twin technology has moved beyond manufacturing and into the merging worlds of the Internet Of Things, Artificial Intelligence and data analytics. As more complex "Things become connected with ability to produce data, having a digital equivalent gives data scientists and other what-if scenarios. The more highly instrumented a device is, the more accurately its digital twin will represent its actual historical performance, leading to better analysis and simulation of its future performance". The digital twin " can include a description of the devices, a 3D rendering and details on all the all the sensors in the device. It continuously generates sensor reading that simulate real life options."The predictive twin"Models the future state and behavior of the device,""This is based on historical data from other devices, which can simulate breakdowns and other situations that need attention."The Process Digital Twin is the next level of digital transformation ,compounding Product Digital Twin benefits throughout the factory and supply chain".

BY

Kundan kameneni
CSE-IVYR

ARTICLE

VIRTUAL POSITIONING SYSTEM



Virtual Positioning System[VPS]

Till now we have been using GPS[Graphical Postioning System] to trace our surroundings and overlay of our roads to raech our destiny. But, people in densely populated urban areas with great infrastructure often complain aganist GPS drift and other hassles during navigation. So, for the people like them, Google announced a new system that is visual postioning system.

Visual Postioning System was introduced by Aparna Chennapragada. In this VPS, Google maps use our camera to identify our surroundings. So its is usually communicates our route right in front of our eyes.

In VPS we need to tap a button to activate visual view and then just pointing our camera where we need to go to see the relevant information. Then, we can see our surroundings with an overlay of maps infomation for near by business, arrows pointing us in the direction we need to go, and even a small map at the bottom to remind where we are headed.

Google even palyed with the idea of putting a character on the screen as an augmtd reality, a tour guide, it was a little fox. So VPS uses our phone camera and Google's extensive back-end data to analyse our surroundings to identity where we are with greater accuracy. This is a powerful addition to Google maps.

BY

k. Alekya,
G. Keerthi,
II year CSE-A

TECHNOZOLA SCOOP

THE OFFICIAL NEWS LETTER OF THE DEPARTMENT OF CSE

Chairman's message

Technozola monthly technical newsletter is particularly important as it encourages the students to share the knowledge they have acquired. Writing articles for the newsletter/magazine also improves the communication skills of the budding engineers. It is common knowledge that representation of an idea is as important as, if not more important, than the idea itself.

Director's message

Technozola represents a cloud with a silver lining for the world of technology. It aims to inspire and nurture upcoming engineers to bring a revolution in this ever evolving world of technology. The magazine captures the current technological advancements. To conclude I would like to congratulate the faculty and the students of the editorial team on bringing out the first issue of Technozola newsletter . I am glad to see that they have lived up to the high standards they had set with the first edition and my best wishes to the students for a bright future

Principal's Message

Congratulations to the students and faculty associated to newsletter committee for successfully publishing the first issue of departmental technical newsletter . Technozola is creating platform which provides an opportunity to the students and staff to express their original thoughts on technical topics.



Chairman
Sri Sunkara Rambrahmam



Director
Dr. Kurra Rajasekhar Rao



Principal
Dr. G V K S V Prasad, Principal

TECHNO ZOLA

A URCE INSTITUTION



**THE NEXT
GENERATION
OF TECHNOLOGY**

