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The Rise of Immersive Technologies

Immersive technology refers to technologies that create immersive experiences for users by deeply engaging their senses and transporting them to simulated or augmented environments. These technologies typically involve virtual reality (VR), augmented reality (AR), mixed reality (MR).

Introduction: The Emergence of VR and AR

In recent years, Virtual Reality (VR) and Augmented Reality (AR) have emerged as transformative technologies, reshaping the way we interact with digital content and the physical world. These immersive technologies hold tremendous potential across various industries, from gaming and entertainment to healthcare, education, research, training and beyond.

The Rise of VR Virtual Reality immerses users in entirely digital environments, creating a sense of presence and immersion that transports them to new worlds and experiences. The concept of VR has been around for decades, but recent advancements in hardware and software have made it more accessible and compelling than ever before.

Immersive Technology Revolutionizes Interaction, Learning, Research, Gaming and Entertainment.

Applications of VR One of the primary drivers of VR's popularity is its application in gaming and entertainment.

VR has also found applications in fields such as healthcare, medical training, therapy, and pain management. VR facilitates medical training and simulation, enabling students to practice procedures and gain valuable skills in a safe and controlled virtual setting.

Applications of AR AR has found applications in various industries, including retail, education, and navigation. In education, AR can bring textbooks to life with interactive 3D models and simulations, making learning more engaging and accessible. Navigation apps like Google Maps and Apple Maps use AR to overlay directions and points of interest onto the real world, providing users with enhanced navigation experiences.

Conclusion With their immersive capabilities and diverse applications, VR and AR have the potential to revolutionize numerous industries and offer new avenues for creativity, exploration, and innovation.

Dr. Shweta Shirpurkar (Mankar)

Head and Assistant Professor
Department of Computer Science
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Science, Nagpur

Life Member AACST



Just Laugh 😊😊

What was the reason for the computer seeking therapy?

Because, It had too many bytes of emotional baggage! It told the therapist, "I feel like I'm always carrying a heavy load, and people keep pushing my buttons."

The therapist replied, "Well, let's start by defragmenting your thoughts and rebooting your mindset."

The computer sighed, "I just want to find my cache of inner peace."

The therapist nodded, "We'll work on upgrading your coping mechanisms. Remember, even in the virtual world, it's essential to debug the mind for optimal performance!"



Why did the computer go to therapy on World Backup Day?

Think.....

Think.....

Because it had too many emotional issues and couldn't handle its commitment to regular backups!



Interviewer: "Are you comfortable with Excel?"

Interviewee: Yes, sir. If you're asking about XL. I will adjust it sir, though it may be a little bit loose.



ROLE OF ICT IN COMMUNICATION



<https://www.vecteezy.com/photo>

Introduction

Information and Communication Technology (ICT) plays a pivotal role in shaping the landscape of communication in the modern era. With the rapid advancement of technology, ICT has become an indispensable tool for individuals, businesses, and societies worldwide. One of the primary contributions of ICT to communication is its ability to break down geographical barriers.

Furthermore, ICT has transformed the speed and efficiency of information exchange. E-mail, instant messaging, and video conferencing have streamlined communication processes, allowing for swift decision-making and enhanced productivity in both personal and professional spheres.

ICT Revolutionizes Global Communication, Enabling Remote Work, Virtual Events, And Digital Education, Fostering Connectivity And Collaboration In Modern Society.

Post-Pandemic Role

The role of ICT in communication has undergone significant changes before and after the global pandemic. Prior to the pandemic, ICT already played a crucial role in facilitating communication, but the events of the past few years have accelerated its adoption and transformed the way people connect and collaborate.

Post pandemic the role of ICT in communication has become more ingrained in daily life. Remote work and hybrid models have become more widely accepted, with ICT playing a central role in enabling flexible work arrangements. Virtual meetings and events have become commonplace, allowing for global participation without the need for physical presence.

Role in Education

Education has also witnessed a lasting impact, with online learning and digital resources becoming integral components of educational systems. The increased reliance on ICT has not only provided convenience but has also highlighted the importance of digital literacy and the need for accessible and reliable technology infrastructure. Additionally, social media platforms have become instrumental in connecting students on a global scale, facilitating the sharing of ideas, news, and experiences.

Conclusion

In conclusion, the role of ICT in communication cannot be overstated. It has transformed the way individuals and organizations connect, collaborate, and share information.

Shital Bora (Padgelwar)
Soft Skill Trainer & Faculty

Member,

Sardar Patel
Mahavidyalaya,
Chandrapur



Life Member AACST

Happy Birthday
to our Founder

AACST

Congratulations!

TO OUR AACST MEMBERS

**FEEDBACK FOR
JAN. 2024
ISSUE**

On Receiving the **Best Teacher Award – 2024** from DSM Collge, **Parbhani** for your efforts & contribution in Teaching and Research.



Dr. S. S. Rudrawar



On Receiving the **Best Teacher Award – 2024** from Maharashtra Udaygiri Mahavidyalaya, **Udgir**, (M.S.) for your valuable contribution in Teaching & Learning.



Dr. S. V. Awale



Excellent website with great content, especially in the newsletter section, which is filled with valuable knowledge.

Thank you for sharing insights through newsletters. I look forward to contributing in the future. Thanks in advance, and congratulations to the entire AACST team.

Regards

Dr. Ajay Kushwaha

Associate Prof.
Sharda University,
Greater Noida

If a member (Annual / Life / Organizational) is recognized for their work or organizes any event in collaboration with AACST, please share the details. We will publish news and photos of the event in our Newsletter.

**HONORABLE DR. ABHA
KHANDELWAL MADAM**

National Science Day **Dr. S. B. Kishor**, President AACST

Every year on **February 28th**, India celebrates National Science Day to honor the achievements of scientific pioneer Sir C.V. Raman. The **theme for the 2024 celebrations** is **'Indigenous Technologies for Viksit Bharat'**. Indigenous technology encompasses the knowledge, skills, and resources passed down to meet present needs through investigation, design, development, and evaluation. It's not surprising that students of computer science play a significant role in shaping the future of science..

These bright young brains are developing the algorithms, programs, and networks that are enabling ground-breaking discoveries in many scientific domains.

They're making virtual reality simulations that open doors to new learning experiences, designing underwater exploration robots, and artificial intelligence models that analyze medical data.

They have an effect that extends beyond universities and colleges. Sustainable energy solutions, apps to track climate change, and inclusive digital designs are all in their wheelhouse. Put simply, they are applying their coding abilities to address practical problems and make a positive impact on people's lives.

So, when you celebrate National Science Day, remember the vital role of Computer Science students. They're not just the future of tech, they're the present changemakers driving scientific progress for a better tomorrow!

Let's Celebrate National Science Day on 28th Feb. with zeal by organizing certain activities for upcoming tech-savvy.

Publish Article

Instruction : 1) Heading Size should be 14-16

2) Normal Text size 9

3) Font : Times New Roman / Arial

4) Article should be original and should follow Ethics

5) Editor not liable for copied content in articles.

6) Cite whenever copying & Pasting sentences/idea

7) Article should have word counts 120-300 words

8) Login into www.aacst.org with your username and password

9) Upload your Article via News Letter Page

Note: If you forget the password, click on 'Forgot Password' and then check your e-mail.

Welcome

WELCOME TO FAMILY (ORGANIZATIONAL MEMBERS) IN THE MONTH OF FEB.

- Thanks to Principal **Dr. Shirish L. Kotgire**, MGM College of Computer Science & IT, Nanded.
- Thanks to Principal **Mr. B. H. Tamgadge**, Modern College of Science and Information Technology, Nanded

IBM SKILL BUILD ORIENTATION PROGRAM

Recently, the Department of Computer Studies and Research at **Sardar Patel Mahavidyalaya, Chandrapur (Organizational Life Member)**, in Collaboration with AACST (Association of ALL Computer Science Teachers), organized an IBM SKILLBUILD Orientation Program for students and faculty members.

During the event, the college signed an LoU (Letter of Understanding) with Mr. Murlidhar Nara, Director of TurnIn Learning Solution, Hyderabad, and associated with IBM on the behalf of Reacha Foundtion. This signing occurred alongside Dr. P. M. Kakar, Principal of Sardar Patel College, Chandrapur, in the presence of Mr. Bharatbhou Potdhuke, Secretary of our Society.

Mr. Murlidhar Nara, Director of TurnIn Learning Solutions Pvt. Ltd. Hyderabad, and associated with IBM, informed and guided the students and faculty members on how to register for it. Towards the end, Mr. Nara trained some faculty members to take the initiative for all the students to get registered.

Dr. S. B. Kishor, Head of the Department of Computer Science and President of AACST, encouraged all students to take advantage of this opportunity and enroll in as many courses as possible, completing them successfully. This includes certain advanced courses offered by IBM among the 5500 courses available to students **Free of Cost**.

For Registration: During Registration, Select College Name, Sardar Patel Mahavidyalaya, Chandrapur, In Trainer Name, select Mr. Murlidharr Nara) <https://lnkd.in/gzbJ2vis>

Portal Link <https://lnkd.in/gJkhsvgc>

Join Telegram group <https://lnkd.in/dvqdvwGj>

Sarvodaya Shikshan Mandal's
Sardar Patel Mahavidyalaya, Chandrapur
Dept. of Computer Studies and Research
In Collaboration with AACST
(Association of All Computer Science Teachers)
Organizes
IBM SKILLBUILD Orientation Program
Principal: Dr. Pramod Katkar, Sardar Patel Mahavidyalaya, Chandrapur
Chief Guest: Mr. Murlidhar Nara, Director, TurnIn Learning Solutions Pvt. Ltd. Hyderabad
Convener: Dr. S. B. Kishor, President AACST, HoD, Computer Science, Sardar Patel Mahavidyalaya, Chandrapur
Date: 15th Feb. 2024

