Issue 36 November 2024

JESEDGES

The Newsletter for 21st Century Schools Worldwide

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Happenings & Achievements at JPS

Infocus



"Will AI take over teaching?"





Children's Day, Celebration



UNDERSTANDING ADOLESCENT TRANSFORMATION



December 2024

Monthly Calendar





FUTURE OF LEADERSHIP INITIATIVE



LEADERSHIP INITIATIVES AT JPS



Academic Rigor. You Become an Academic Wizard



TEDX at JPS. You Become A Ted Speaker



National Cyber Resource Centre



Green School Program. You Become A Green Warrior



Leadership Integrated Curriculum Empowered Leaders!



ISA Accreditation. You Go Global



Google Certified. School You Become A Tech Genie!



SPACE Program. You Don't Touch The Skies, You Cross Them Way Beyond!



Excellence In Sports. You Break World Record



Welcome

ISSUE 36 November, 2024





- Warm greetings and a heartfelt welcome to a new academic year! As we embark on this exciting journey, we find ourselves at the intersection of tradition and technology.
- Artificial Intelligence (AI) has undeniably made significant strides in education, offering personalized learning, automating administrative tasks, and providing valuable insights. However, the heart of education lies in human connection, empathy, and critical thinking.
- The future of education is not a competition between humans and machines; it's a collaborative effort. AI can be a powerful tool, but it cannot replace the unique qualities of a dedicated teacher: the ability to inspire, to motivate, and to guide students towards their full potential.
- Together, we can harness the power of AI to enhance the learning experience, while preserving the irreplaceable role of human educators. Let's embrace this opportunity to create a future where technology empowers, but humanity leads.
- Here's to a year filled with growth, innovation, and endless possibilities!
- We are always interested in hearing your views. We invite articles on the topic 'Early Mental Development' for our next issue of the newsletter. If you have any comments about the newsletter, or if you'd like to tell us about what's happening at school, please email us at principal@jpschennai.org.



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M/o R.Sashtik UKG B









PARENTS' CORNER

Will AI take over teaching?

Artificial Intelligence is a catalogue of technologies that enable computers, and related machineries attain intelligence on par with the human brain's cognizant skills such as problem solving, decision making, forecasting and Natural Language Understanding.

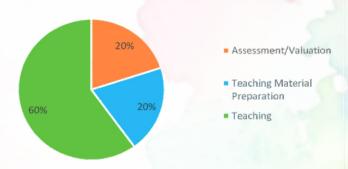
Artificial Intelligence is reliant on metadata, and it uses data to learn, analyze and produce outcomes in competence to the human brain. Artificial intelligence may not yield accurate results in the first shot. However, with intense deep learning on a specific aspect, outcomes will be refined over time, and it can process new results on different topics with similar learning attained earlier. The pace at which artificial intelligence is scaling and exceeding expectations has kindled mixed emotions in the world.

This unsettling behavior is not uncommon when it comes to any disruptive innovations such as Cryptocurrency, Virtual Reality, Robotics, Online Shopping, Social Media etc. that we have witnessed in the past. This tendency will prevail until we get to co-exist with the changing technologies.

With the introduction of Artificial Intelligence (AI), there is no doubt that many blue and white collared jobs will be replaced by A1. When Teaching is a quintessential job for every community, let's see how AI will transform the teaching dynamics.

Before we start, let's have a look at how a normal teacher's routine life is planned in a day at school.

Teacher's Daily Routine



While teaching consumes around 60% of the time, it's also evident that teachers spend considerable time on other administrative activities.

Let's look at the task distribution of teachers in detail and see how we can leverage AI in teaching:

Assessment and Valuation: Includes activities such as preparing exam papers, conducting invigilation and performance assessments.

How can AI help? Generative AI can assist teachers to generate question papers given the curriculum and exam pattern from previous years for each subject and grade.

Preparation and Assignments: Where teachers must find creative ways to explain a concept to students so that it gets simplified.

Generative AI can assist teachers with various illustrations and props that can simplify the materials and time spent on the aspect of preparation. Also, as homework, projects and assignments are a



Sneha Anand

Will AI take over teaching?

derivative of the classroom sessions, AI can be leveraged to generate Practical Assignments related to the topics covered in the class.

Teaching: To impart knowledge to students is the cornerstone of the occupation and spending quality time in teaching is vital to the role. Though, Teachers tend to educate the students with the same concepts 90% of the time, each principle or fact is new to the students.

Al can assist the students in capturing the classroom sessions with efficient note taking and revisiting the concepts in their desired language using Natural Language Understanding along with multiple illustrations. Therefore, it will help the students understand the subject better, enriching the learning experience.

In addition to routine activities, teachers are also steering forces of seasonal activities such as School Day, Annual Day, Independence Day, Cultural activities where, AI can aid in content creation like Welcome address, Vote of Thanks, Agenda planning etc. Also, AI can present a platter of the events planned across other schools on similar occasions, simplifying the efforts required from the school committee.

Akin to other professions, it's inevitable that Artificial Intelligence will reshape the role of teaching and will reduce umpteen redundancies in the job. Also, it will create a lot of creative time for the teachers to spend otherwise, in the school with students.

The real question is "what do we need our children to be schooled?". When children are spending one-third of their time in school, obtaining academic excellence is just the tip of the iceberg in a child's overall development. The other development factors that contribute to the stable well-being of an individual are:

Physical development: Motor skills, Athletics, Speech and Language

Social development: positive social ties, Teamwork, Social behavior and Environmental awareness

Emotional Intelligence: Self-awareness, Empathy and Relationship management

Moral development: Civics, Laws and Ethics

We as parents wish for a wholistic personality development in our children. Apart from cognitive development, Artificial Intelligence's ability to scale across other developmental factors is trivial. The void in other non-academic factors can only be fulfilled by teachers. Their individual attention to detail in every student's wholesome development is irreplaceable by AI.

With AI, Teacher's job will evolve into a holistic approach in enabling civil and responsible youngsters in the society. To conclude, it's unlikely for AI to replace the role of teachers, but it will incredibly redefine their role in the school as well as in the community.



Al is gearing up to shake up the education world

Jayadevi, B.pharm M/O S.J.Yazhini

AI is gearing up to shake up the education world—not by booting teachers out of the classroom, but by making their lives easier and their impact greater. Think of it as the superhero sidekick every teacher secretly wishes for, swooping in to handle the mundane tasks so they can focus on inspiring young minds.

AI as an Assistant, Not a Replacement

Picture this: while AI grades papers faster than a caffeine-fueled teacher on deadline night, the human educator focuses on sparking "aha" moments in students. AI won't teach the art of persuasion or the joy of solving a tricky problem—that's where teachers shine. Instead, it's the trusty sidekick managing the heavy lifting of analytics and admin.

Upskilling for Educators

AI will push teachers into the 21st century, like it or not. Forget dusty chalkboards—future educators will master AI tools to craft lessons, predict learning gaps, and keep students engaged. And yes, that may mean learning what "machine learning" actually means.

Hybrid Learning Models

Imagine a classroom where students learn at their own pace via AI-curated lessons while teachers swoop in for lively debates, group projects, or moral support before a tricky test. It's the ultimate tag team: AI handles the grind, and teachers bring the soul.

New Roles for Teachers

Teachers of tomorrow will wear many hats: mentor, motivator, learning designer, and maybe even tech wizard. They'll be the glue holding the education system together, ensuring creativity and empathy don't get lost in a sea of algorithms.

Increased Access and Inclusion

AI isn't just for high-tech classrooms. It can bring quality education to every corner of the globe, whether it's a remote village or a bustling city. And for students with disabilities? Adaptive tech ensures no one is left behind. AI is the great equalizer we didn't know we needed.

Summary

AI isn't here to steal teachers' thunder—it's here to amplify it. By tackling tedious tasks and personalizing learning, AI allows teachers to do what they do best: inspire, connect, and guide. The future of education isn't a battle of man vs. machine—it's a beautiful collaboration. So let's raise a toast to a smarter, more inclusive, and human-centered learning revolution.

INFOCUS

Embracing Technology with Purpose

At Jain Public School, we believe in harnessing technology to empower education while staying rooted in our values. Artificial Intelligence (AI) has emerged as a transformative force, reshaping how knowledge is delivered and accessed. However, we view AI not as a replacement but as a complementary tool for educators.



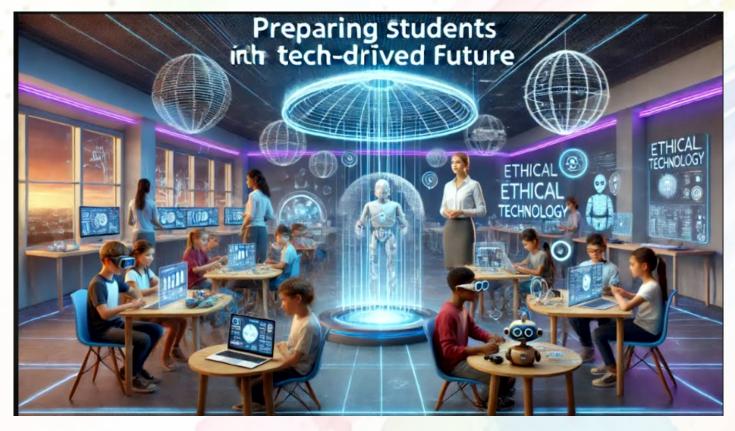
AI: A Partner in Progress

Our vision emphasizes holistic learning and fostering creativity, critical thinking, and moral values. Al can assist by personalizing education, streamlining administrative tasks, and providing actionable insights. Yet, the essence of teaching lies in human connection—something no machine can replicate.



Blending Innovation with Values

The mission of Jain Public School is to inspire students and equip them with skills to thrive in the 21st century. By integrating AI thoughtfully, we ensure our teachers have more time to mentor, guide, and instill values that shape well-rounded individuals.



Preparing Students for a Tech-Driven Future

AI will play a pivotal role in the future, but its success depends on the educators who steer its application. At Jain Public School, we are committed to preparing our students for this evolving landscape while ensuring they are grounded in ethics, empathy, and lifelong learning.



The Way Forward

While AI revolutionizes education, it cannot replace the heart of teaching—the teacher. Together, AI and educators can lead the way to a brighter, more inclusive future, fulfilling our school's mission to inspire, innovate, and transform education.





Educators' CORNER



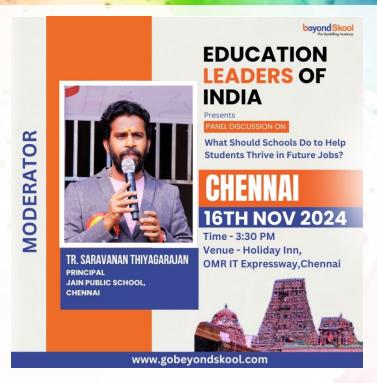


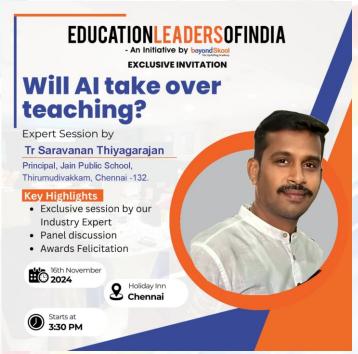


"We are proud to announce that our principal has been honored with the **Swami Vivekanandha National Principal's Award by the Education Excellence Conclave.** This prestigious recognition is a testament to their outstanding leadership, dedication, and unwavering commitment to educational excellence. Congratulations!"



"Our Principal is engaging in an insightful discussion with **Ms. Rio**, a state-of-the-art robot, about how #AI & #Robotics can revolutionize student learning. By fostering critical thinking and creativity, and making classrooms more interactive and future-ready, these technologies allow students to engage in practical, hands-on, MindsOn, and #HeartsOn experiences. This interaction exemplifies how robotics can teach complex concepts, spark curiosity, and prepare students for a technologically advanced world."





"Our Principal served as a distinguished moderator in a session at the **Education Leaders of India**, exploring the thought-provoking topic, 'Will AI Take Over Teaching?'. Their expertise and insightful guidance sparked a dynamic discussion on the future of education, emphasizing the balance between technology and human touch in nurturing student growth."



"Our Principal is engaging in an enlightening live webinar session with Vijay Kiran Agastya, Founder and MD of MentorMe, on 'Transforming Student Futures: Career Counseling and 21st Century Skills for Indian Schools.' This insightful discussion highlights innovative approaches to equip students with essential skills for the 21st century, fostering their personal and professional growth."





PRESENTS

SPEAKER

TR. SARAYANAN THYAGARAJAN

JAIN PUBLIC SCHOOL CHENNAL

Creative & Distinguished Educators Conclave

CHENNAI 23RD NOV 2024



www.capricslearninglab.com

www.diyalabs.com

"Our Principal took the stage as a speaker at the **Creative & Distinguished Educators Conclave**, sharing invaluable insights and thoughts on innovative education practices. Their contribution highlighted the importance of fostering creativity and excellence in teaching, inspiring educators to embrace forward-thinking approaches for shaping the future of education."

தேர்வு பயம் நீங்கத் தேவையான அணுகுமுறை

தேர்வுக் காலம் உங்களிடையே பயம், பதற்றம், மன உளைச்சல் ஆகியவற்றை ஏற்படுத்துகிறது. இந்தப் பொதுவான பயமே தேர்வு பயம் என்று அழைக்கப்படுகிறது. 'ஃபோபியா' என்கிற ஆங்கிலச் சொல்லுக்கு ஏதோவொரு வித பயம் என்று பொருள்.

உங்கள் அறிவை அறியத் தேர்வுகள் நடத்தப்படுகின்றன. இது ஆளுமை வளர்ச்சியில் சாதகமான மாற்றங்களைக் கொண்டுவருகிறது. அதிகப் போட்டி நிறைந்த சூழல், தோல்வி பயம், குறைந்த தன்னம்பிக்கை போன்ற பல காரணிகளும் தேர்வு பயத்திற்குக் காரணமாகலாம்.

போட்டித் தேர்வுகளின்போது ஒரு மாணவருக்கு ஏற்படும் பயம், பதற்றம், மன அழுத்தம் பல்வேறு வகைகளாக வரையறுக்கப்படுகின்றன.

சமீபத்தில், என்சிஇஆர்டி ஒரு

கணக்கெடுப்பை நடத்தியது. 9, 12ஆம் வகுப்புகளில் 80 சதவீத மாணவர்கள் தேர்வுக் கவலையால் பாதிக்கப்படுவதாகக் கணக்கெடுப்பில் கண்டறியப்பட்டுள்ளது. நிபுணர்களால் எடுக்கப்பட்ட ஆலோசனை அமர்வுகளின் எண்ணிக்கையும் கடந்த ஆண்டு இரட்டிப்பாகியுள்ளது.

தேர்வுத் தோல்வி பயத்தை எப்படிச் சமாளிப்பது?

தேர்வு பயத்தை வெல்வது என்பது முடியாத காரியம் அல்ல. புதிய பழக்க வழக்கங்களைக் கடைப்பிடிப்பதன் மூலம் நீங்கள் தேர்வுகளை நோக்கிய அணுகுமுறையை மாற்றிக்கொள்ளலாம். இதன்மூலம், பதற்றத்தைக் குறைக்கலாம். மன ஆரோக்கியத்தைப் பேணலாம். வரவிருக்கும் சவாலை நம்பிக்கையுடன் எநிர்கொள்ளலாம். நேர்மறை ஆற்றலுடன் உங்கள் படிப்பைச் சரியான இசையில் செலுத்த முடியும். தேர்வு பயத்தைச் சமாளிக்க சரியான காரணங்கள், அறிகுறிகளை நீங்கள் அறிந்திருக்க வேண்டும்.

உங்கள் வாழ்க்கை முறை மாற்றங்கள் மூலம் மன அழுத்தத்தைக் குறைக்கலாம். அதில், ஆரோக்கியமான உணவுமுறை, தினசரி உடற்பயிற்சி, உடல், மனதிற்குச் சரியான ஒய்வு ஆகியவை அடங்கும். பழங்கள், முந்திரி, பாதாம் உள்ளிட்ட நட்ஸ், பச்சைக் காய்கறிகள் சாப்பிடுவதன் மூலம் தேர்வுப் பதற்றத்தைக் குறைக்க முடியும்.

தேர்வுக்கு முன்னர் 8 மணி நேரத் தூக்கம், காலை யோகா, மூச்சுப் பயிற்சிகள் தேர்வு பயத்தைக் குறைக்கும். இந்த வழிகளைப் பின்பற்றிப் போட்டித் தேர்வுகளில் தேர்வு பயமின்றிக் கலந்துகொண்டு வெற்றிபெறுங்கள்.





தேர்வுக்கு முன்னர் 8 மணி நேரத் தூக்கம், காலை யோகா, மூச்சுப் பயிற்சிகள் தேர்வு பயத்தைக் குறைக்கும்.

"JPS Proud to be featured in **Dinamalar** for sharing our principal thoughts on **Effective Exam Preparation Strategies!** This article focuses on helping students manage their time, reduce stress, and approach exams with confidence. As educators, our mission is to empower young minds to excel not just in academics but also in life skills. Grateful for this opportunity to connect with students and parents across Tamil Nadu. Together, let's make learning a joyful journey!"

"EMPOWERING PARENTS, EMPOWERING TEENS - 5 ESSENTIAL STEPS



Recognize the Physical Changes

"Bodies Changing, Growing Fast"

Hormones surge, and changes come,
Physical growth, a rapid drum.
Height and weight, a shifting scale,
Adolescence arrives, with its own tale



Understand the Emotional Turbulence

"Emotions in Motion"

Moods swing high, moods swing low,
One moment's joy, the next moment's woe.
Recognize the turmoil, the emotional strife,
And offer a steady hand, a guiding life.



Foster a Supportive Relationship

"A Bond of Trust, A Heart of Gold"

Create a safe space, where they can share &grow, Free from judgment, where love and trust will show. Validate their feelings, and acknowledge their fears, And offer guidance, through laughter and tears.



Identify the Cognitive Developments

"Minds Expanding, Thoughts Unfolding"

Cognitive growth, a remarkable stride,
Adolescence brings, a mental glide.

Problem-solving skills, begin to take shape,
Critical thinking emerges,
with a sharper escape.



Acknowledge the Social Changes

"Social Connections, Identity Unfolds"

Peers and friends, a circle of care,

Adolescence brings, social bonds to share.

Romantic interests, a heart's desire,

Social identity, a sense of self on fire.



Radha Arard K-8 Co ordinator Jain public School





"Our Educator Ms. Poornima participated in the quiz on 'The Evolution of IMD: 150 Years,' organized by the Indian Meteorological Department. This participation underscores our commitment to continuous learning and engagement with pivotal scientific developments, contributing to a deeper understanding of meteorology and its historical advancements."



Pediatric Health Discussion Panel

Dear Sir, If my five year old is very active, are naps necessary? If he skips a nap, what is the best time for his last meal? (He doesn't drink milk before bed and usually wakes up around 7 AM in the morning). Also request you to please advise his bedtime based on last meal.

"Dearest Parent,

It's truly delightful to hear that your vibrant five-year-old is so full of life! At this stage, daytime naps become optional for many children who enjoy a sufficiently long nighttime sleep (generally 10-13 hours). If your child remains energetic and cheerful throughout the day without a nap, it's perfectly acceptable.

Should Naps Be Skipped

The timing of the evening meal plays a crucial role. Ideally, dinner should be a light affair, served approximately 2-3 hours before bedtime. For instance:

If bedtime is scheduled for 8:00 p.m., aim to serve dinner around 6:00 p.m.

Ensure a balanced meal comprising protein, vegetables, and some wholesome carbohydrates, as these can contribute to feelings of satiety and improve sleep quality.

Regarding Milk Before Bed

Should your child not favor milk, there's no cause for concern! You can offer appealing alternatives such as yogurt, cheese, or even a banana, as these foods are known to promote restful sleep.

Suggested Bedtime

Considering his 7:00 a.m. wake-up time, an ideal bedtime would fall between 8:00 and 8:30 p.m. This timeframe allows for ample hours of rejuvenating sleep.

Should you observe signs of crankiness or fatigue during the day, you may consider reintroducing a brief afternoon rest or a period of quiet time. Remember, every child possesses unique needs, so trust your instincts and attentively observe your child's cues!

by Dr. Sridhar

MBBS, M.D



Success Corner









The joy of winning a ₹7,500 cash consolation prize at the prestigious State-Level Painting Competition!







Naveen Kumar of Grade VIII has qualified for the NATIONALS at the India Open Championship, conducted by NRAI! This monumental achievement showcases UNWAVERING FOCUS, UNRELENTING PASSION, and UNBRIDLED TALENT!



"Congratulations to our young champ for their outstanding achievement in the CSSC Central Zone - V | Cluster Volleyball Tournament! They received medals and certificates for winning under the age 14 category & 19 category at Padma Seshadri Bala Bhavan Sr. Sec. School. Their hard work, teamwork, and dedication have truly paid off, bringing pride and honor to our school community.

Padma Seshadri Bala Bhavan Sr. Sec. School

Volleyball Under14

Tournament

2025 - 26 Apply Now

PreKG - Grade XII

The Best Teen Horse Rider Part-6

Getting into the Cheer Squad



Amrithavarshini Anand,

of Grade IX

The start of middle school was hard for me, the method of teaching, the way people at school spoke, their interests were all sort of foreign to me. I was the one who was constantly nagged by the girls at class, asking for tips to maintain a perfect physique like the one I possess. But "who knows about the sleepless nights, tiring days and the weekends which made me worn out!? Every glance of my reflection in the mirror in the evenings at the orphanage would make me freak out! AHHH!!! Just the thought of it makes my legs wobble and my heart beat rise! Finally, I got to live the life I deserve, and now the silly girls unknowingly remind me of those traumatic days of my life!!"

Were the thoughts running in my head.

The very next moment, I blurted out,"Drop your phones down first, young ladies!"

They put on a serious face and started nodding rhythmically.

That was unlikely to, what I had expected, I wanted them to get mad at what I said and leave the place at once.

But Oh boy! I was wrong, they put their phones down on the desk and drew a smile on their ever sulking face and said," Next up, ma'am."

Not knowing what to do,I equated some chores to Tabata workout routines in my mind and demonstrated it in front of them.

What happened next was Mind blowing.

I was dragged to the leader of the school's cheer squad and was recommended to be taken into the team. I never knew these fashion freaks were in the cheer squad.

You might think how was I even thought of being taken into a cheerleading squad, being an anti-social newbie!?

Well it was purely skills that I'd inherited.

There is also an incident which is relatable.

Back in the orphanage,I remember those few hours of a particular day in which the warden went out somewhere and we were taken care of by the sweetest person in the orphanage,Ms.Clara.I was asked to dance to a melodious song first and then a folk song.I had 30 jaws dropped and 20 hands clapping and all eyes in disbelief.They said I would become a pop star some day. From that day, whenever it was my turn to show off my talent on the day of adoption, I was always asked to dance. Every time, I performed couples wanted me for adoption. But that selfish side warden Ms. Angel, kept using me and lied to the every couple that Dancing was taught in the orphanage. My blood boiled whenever I was called to dance, but there was nothing else I could, if I refuse, extra chores for the day is what I get, so I danced reluctantly.

Now, Back to where I was.I was asked to dance a few steps for a random cheer song, and I nailed it.My choreography was innovative and it perfectly synced the beat. There were no words against my energy level and expression. There was an awkward silence, and then was the judgement."Your in Girl!!!!",screeched the cheerleader and she hugged me.

This school was warm and welcoming, a 180° opposite to the orphanage, where it was only Ms. Clara, Zara, and Jessica; all others were just envious egoists.

It was another important part of my life in which I had received what I deserved. I got a loving family, friends who were supportive and were genuinely happy for my skills. The next few days were a roller coaster.

Stay tuned, to get to know what it is!

Await a month mates,
Until then,
It's your Amrithavarshini Of Grade 9,
Signing off!



Monthly Calendar

DECEMBER 2024						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Dates Important Events

- **04** Parent enrichment meet
- **16** PA2 exam begins for grades KG to 8
- 21 PA2 exam ends for grades KG to 8
- 23 Christmas Celebration
- 24 Winter break-Holiday
- 25 Christmas Holiday
- 27 School reopens after winter break