



THE TIMES OF INDIA

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TODAY'S EDITION

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➤ Experts tell us about the benefits of yoga

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STUDENT EDITION

TUESDAY, MARCH 16, 2021


WEB EDITION
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PCM to remain vital subjects for eng courses: AICTE


EDUCATION

Physics, chemistry and mathematics (PCM) will continue to remain as important subjects in engineering courses, and it is not mandatory for the state governments or institutions to offer these courses to students, who have not studied them in class XII, the All India Council for Technical Education (AICTE) has clarified. The AICTE chairperson Anil

Sahasrabudhe also said that students opting for streams like biotechnology, textile or agriculture engineering will have an option to not study these subjects in class XII. The clarification came, following news reports about physics and maths no longer being compulsory for studying engineering, as per the handbook for 2021-22, AICTE.

As of now, the class XII level maths and physics subjects are compulsory for admissions to the undergraduate programmes in engineering and technology

The flexibility in the eligibility criteria for admission to the B.Tech and BE courses have been introduced to encourage students from diverse backgrounds to apply, and reduce the pressure on students to study topics that are not crucial to their programme
Anil Sahasrabudhe, chairman, AICTE

THE NEW CRITERIA

■ In its revised rules aligned as per the reforms proposed in the new National Education Policy (NEP), the technical regulator has given a list of 14 subjects - physics, mathematics, chemistry, computer science, electronics, information technology, biology, informatics practices, biotechnology, technical vocational subject, engineering graphics, business studies and entrepreneurship
■ Students need to pass in any three subjects (from the list) with a minimum of 45 per cent marks in the class XII board examination to be able to apply for admission in the undergraduate courses in engineering, according to the revised rules of the AICTE

PTI

Will it affect the quality of technical education? Share your views at toinlet75@gmail.com


X-PLAINED

FOREX

WHAT

India's foreign-exchange reserves surpassed Russia to become the world's fourth-largest, as the Reserve Bank continues to hoard dollars to cushion the economy against any sudden outflows. The foreign exchange market, also known as forex or the FX market, is the world's most-traded market. Forex is traded 24 hours a day and 5 days a week by banks, institutions and individual traders worldwide. Unlike other financial markets, there is no centralised marketplace for forex. Currencies trade in whatever market is open over the counter at that time.

HOW

INDIA SURPASSED RUSSIA: India's reserves, enough to cover roughly 18 months of imports, have been bolstered by a rare current-account surplus, rising inflows into the local stock market, and foreign direct investment.

WHY

IS IT SIGNIFICANT: Analysts say a strong reserve position gives foreign investors and credit rating companies an added comfort that the government can meet its debt obligations, despite a deteriorating fiscal outlook, with the economy heading for its first full-year contraction in 40 years.

China has the largest reserves, followed by Japan and Switzerland on the International Monetary Fund table

HOW FOREX WORKS

Trading forex involves the buying of one currency and simultaneous selling of another. In forex, traders attempt to profit by buying and selling currencies by actively speculating on the direction currencies are likely to take in the future

Spotlight

BEYONCÉ

becomes the most-awarded singer in Grammys' history with 28 wins

The Grammys are in love with Beyoncé, as she broke Alison Krauss' record for most wins by a female artist. Beyoncé earned her 27th and 28th Grammy on Sunday, picking up honours like the best music video for 'Brown Skin Girl' as well as the best rap performance and the best rap song for 'Savage', with Megan Thee Stallion. The win, Megan Thee Stallion's third of the night, made her the first female rapper to win the best rap song.



■ Beyoncé wasn't the only one having a historic night: Her nine-year-old daughter **Blue Ivy Carter**, who won the best music video alongside her mother, became the second youngest act to win a Grammy in the show's 63-year history
■ **Taylor Swift** became the first woman to win the coveted Album of the Year prize thrice, this year for 'folklore', the first of her twin quarantine releases

FACTOID

10,000

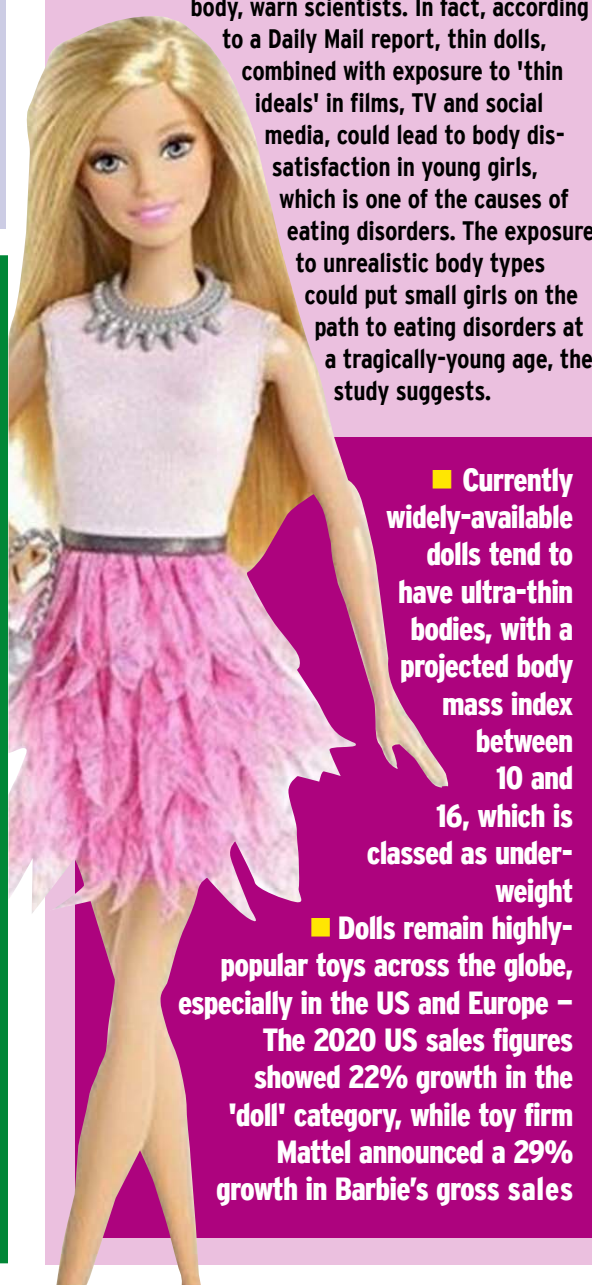
runs scored by Mithali Raj, the captain of the Indian national team, becoming the first Indian woman and the second woman-ever to achieve this milestone. She follows former England skipper Charlotte Edwards, who has 10,273 runs in total

Mithali Raj has scored 663 of her 10,000 runs in 10 Tests and 2,364 runs in 89 T20Is. The rest of her milestone is made up of ODI runs



Time to ditch the Barbie? Here's why

If a latest study is to go by, thin dolls like Barbie can make children as young as five want a slimmer body, warn scientists. In fact, according to a Daily Mail report, thin dolls, combined with exposure to 'thin ideals' in films, TV and social media, could lead to body dissatisfaction in young girls, which is one of the causes of eating disorders. The exposure to unrealistic body types could put small girls on the path to eating disorders at a tragically-young age, the study suggests.

LIFESTYLE


■ Currently widely-available dolls tend to have ultra-thin bodies, with a projected body mass index between 10 and 16, which is classed as under-weight
■ Dolls remain highly-popular toys across the globe, especially in the US and Europe – The 2020 US sales figures showed 22% growth in the 'doll' category, while toy firm Mattel announced a 29% growth in Barbie's gross sales

BHAVANI DEVI BECOMES FIRST-EVER INDIAN FENCER TO QUALIFY FOR OLYMPICS

India's international sabre fencer Bhavani Devi has qualified for the Tokyo Olympics starting July 23 by virtue of improving her world ranking to 42, confirmed the Fencing Association of India. The 27-year-old from Chennai is the first Indian fencer-ever to make the cut for the Olympics. She qualified for the Games at the Budapest World Cup, an Olympic qualifying competition, on Sunday.



Large asteroid to zoom past Earth on March 21



One of the largest asteroids predicted to pass by our planet in 2021 will be at its closest on March 21, NASA has said, adding that there is no threat of a collision with the Earth

■ Called 2001 F032, the near-Earth asteroid will make its closest approach at a distance of about two million kilometres, the US space agency said
■ The asteroid is about 0.8 to 1.7 kilometres in diameter
■ During this approach, 2001 F032 will pass by at about 124,000 kph, faster than the speed at which most asteroids encounter Earth
■ The reason for the asteroid's unusually-speedy close approach is

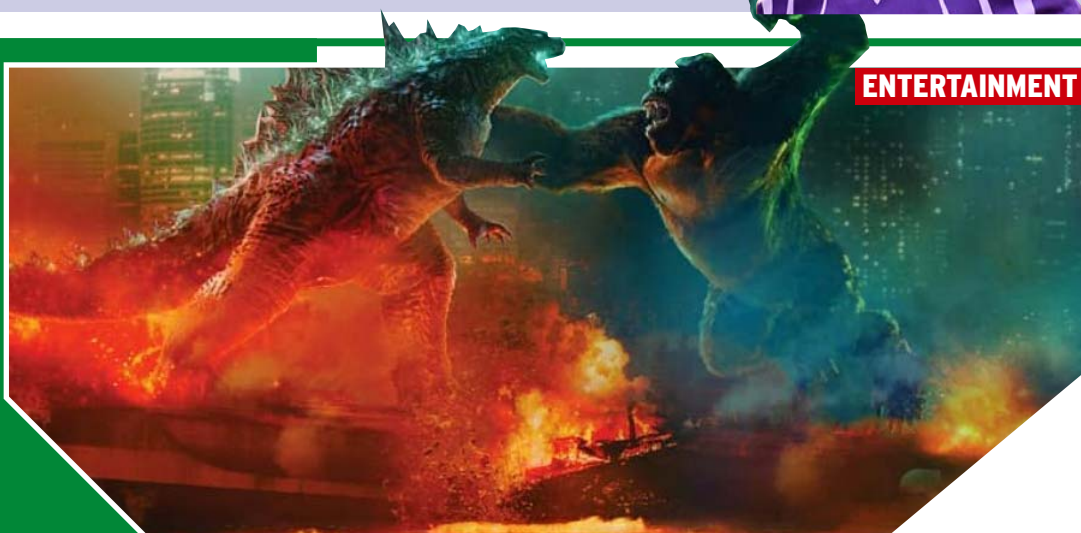
its highly-inclined and elongated (or eccentric) orbit around the sun, an orbit that is tilted 39 degrees to the Earth's orbital plane
■ This orbit takes the asteroid closer to the sun than Mercury, and twice as far from the sun as Mars
■ The March 21 encounter will provide an opportunity to the astronomers to get a more precise understanding of the asteroid's size and albedo, i.e. how bright, or reflective, its surface is, and a rough idea of its composition

'Godzilla Vs Kong' to hit theatres in India on March 24

Warner Bros Pictures and Legendary Pictures' epic adventure 'Godzilla Vs Kong' will now hit the theatres in India on March 24. The much-anticipated film, directed by Adam Wingard, was earlier scheduled to bow out on March 26...

■ The movie focuses on Kong and his protectors, who undertake a perilous journey to find his true home, and with them is Jia, a young-orphaned girl with whom he has formed a unique and a powerful bond. They, however, unexpectedly find them-

selves in the path of an enraged Godzilla, cutting a swath of destruction across the globe
■ 'Godzilla Vs Kong', a follow-up to the 2019's 'Godzilla: King of the Monsters', will release in India in English, Hindi, Tamil, and Telugu


ENTERTAINMENT

SUBJECT: PHYSICS,
CLASS: X, ICSE

Scottish scientist JOSEPH BLACK founded the concept of SPECIFIC HEAT when he observed that equal masses of different substances absorbed different amounts of heat to raise through the same temperature interval.



JOSEPH BLACK

WHAT'S HOT & WHAT'S NOT

HEAT CAPACITY AND SPECIFIC HEAT CAPACITY

HEAT CAPACITY

HOT SUNNY DAY

Metallic chair of mass M units



Temperature after 1 hour = 40°C

Bucket of water of mass M units



Temperature after 1 hour = 25°C

- As the temperature of water is less than the same mass of metallic chair, it is clear that the HEAT CAPACITY of water is more than the metal of the chair.
- Heat capacity varies from material to material.

HEAT CAPACITY is the amount of energy required to raise or release the temperature of a material by 1°C. If, C = heat capacity, q = amount of heat energy transferred to or from a substance ΔT = change in temperature, then

$$C = \frac{Q}{\Delta T} \text{ J K}^{-1} \text{ or J } ^\circ\text{C}^{-1} \text{ or cal } ^\circ\text{C}^{-1}$$

$$\text{Or, } Q = C \Delta T$$

The energy that's input into a substance is equal to the heat capacity of that substance multiplied by its change in temperature.

- Materials having low heat capacity warm up quickly as they cannot hold a lot of heat energy.
- The heat capacity of a substance depends both on the material it

is made of, and the mass of the substance.

- Metals have low heat capacities and thus undergo rapid temperature rises when heat is applied.

CHECK YOUR UNDERSTANDING

The heat capacitance of a 20.0 g material is 4.72 J °C⁻¹.

(a) Convert this value to J K⁻¹.
(b) Convert this value to cal °C⁻¹.

Answer: (a) 4.72 J K⁻¹ as the temperature is change in temperature and not the total temperature of the material.

(b) We know 1 calorie = 4.18 J.
Hence 4.72 J °C⁻¹ = 4.72 / 4.18 = 1.129 cal °C⁻¹

DID YOU KNOW?

1 The climate near the seashore is moderate because of high specific heat capacity of water. This is because the sea gets heated and cooled at a much slower rate compared to land, resulting in a large difference of temperature between the land and the sea. Consequently, land breeze and sea breeze blow in the coastal regions maintaining a moderate climate.

2 Farmers fill their fields with water to protect their crops from frost in cold winter nights. The high specific heat of water lowers the rate of cooling and temperature in the surrounding area remains relatively higher than 0°C. Thus water in the capillaries in the plants does not freeze, thereby preventing them from bursting due to increase in volume.



3 Hot water bottles are used for fomentation because of the high specific heat capacity of water does allow it to cool quickly.

4 The seas and oceans are known as the store houses of energy because water has a high specific heat capacity, as it can absorb a lot of heat energy without much change in its temperature

CHECK YOUR UNDERSTANDING

On adding the same amount of heat to an equal mass of liquid water, solid gold, and solid iron, which would end up having the highest temperature?

Answer: They all have the same mass and are exposed to the same amount of heat. So, the one with the lowest specific heat, i.e. solid gold would have the highest temperature.

QUIZ

1 A liquid is being converted into vapour at its boiling point. The specific heat capacity of the liquid at this temperature will be:

- a. Zero b. Infinite
c. Positive d. Negative

2 What extinguishes fire most quickly?

- a. Cold water b. Boiling water
c. Hot water d. Ice

3 Spheres of equal masses of iron, copper and aluminum are heated to the same temperature and placed in paraffin. Which sphere will melt maximum paraffin?

- a. Iron b. Copper
c. aluminum d. All will melt equal paraffin

4 Hot water is used in hot-water bottles for fomentation because:

- a. Water is easily available
b. Water can be heated to a very high temperature
c. Water loses heat quickly due to its low specific heat capacity
d. Water does not lose heat quickly due to its high specific heat capacity

5 Specific heat capacity of a substance is equal to:

- a. Mass of substance x heat capacity
b. Heat capacity / mass of substance
c. Mass of substance x heat capacity
d. Heat capacity

ANSWER

1. b
3. c
5. b

2. b
4. d

C V Rao,
Physical Science teacher,
Bharati Vidya Bhavan's Public School,
Visakhapatnam



READING COMPREHENSION

WHY DO WE NEED IT?



A few days back, I met a lady who wanted to understand the purpose and benefit of 'reading comprehension' passages. Her argument: with much to cover in 'important' subjects like math, science and computer, why would her child need to invest so much time and effort in something that apparently has no purpose to serve in the grand scheme of things. As an English teacher, I felt compelled to throw some light on certain oft-underestimated points.

'Comprehension' means the ability or capacity to understand something. It is important to acknowledge that reading and comprehending are not the same. Reading is more on the surface, where we skim through words without going much into the depth. Comprehension involves efficient reading; it is the ability to understand the meanings of the words, apply that meaning to the context, infer the underlying message or theme, and then analyse and process the information to answer related questions.

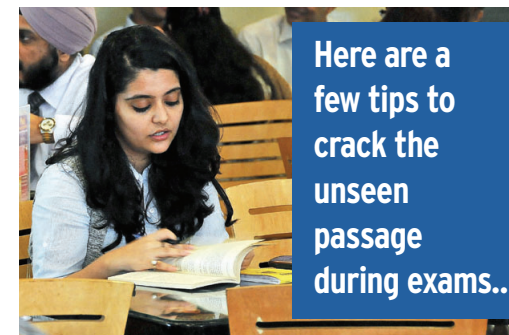
So, how does a student benefit from nurturing

- In professional arenas, comprehension skills are the chief determinant of a person's success
- The skills will also help interpret situations and circumstances correctly in both personal and professional lives

reading comprehension skills and why is it important to include this in the curriculum?

While comprehension practice may be specific to the languages, the skill is definitely not limited to only those. With increased reading, a student's general ability to understand, process and analyse are greatly enhanced across all disciplines. Be the laws of motion in physics, greenhouse effect in chemistry or linear equation in math, students will not be able to absorb any information without comprehending it first. Reading comprehension skill equips the student to relate the information to specific questions and give correct answers.

READING TIPS



Here are a few tips to crack the unseen passage during exams..

• First reading of the passage should be quick so as to familiarise yourself with the content.

• Then, read the questions once. This will help you identify relevant sections within the passage.

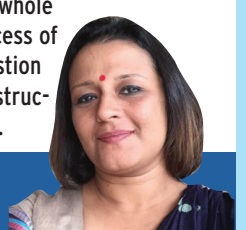
• Underline those sections as you read the second time.

• Read the questions carefully. MCQs can be highly confusing. On the surface, all options may seem like a legitimate

response. Understanding the question and relating it to the passage is crucial. Remember, there can be only one correct answer.

• Try practicing in the reverse. Take an excerpt from any book/article and try to frame your own questions. This will help you develop insight into the whole process of question construction.

Nandita Bhattacharjee, teacher,
DPS Whitefield, Bengaluru



Get organised and stay positive!

The best way to prepare for your exams is to start preparing today for tomorrow. Don't say you don't have enough time. You have exactly the same amount of hours per day that were given to Albert Einstein, Thomas Edison, Prafulla Chandra Roy, Homi Bhabha and many more!

Stress is your response to pressure and while a small amount of pressure can be useful to keep you focused during exam time, if it becomes too much study can seem impossible. You might be worrying about not doing enough revision, or responding to parental and societal pressures. Trust yourself. You know more than you think you do. Do not take the exam as a

threat but a challenge.

The mantra here is to keep oneself motivated physically, mentally and emotionally. Organising work will take you a long way. Set your study goals, make your personal time table. Never forget to stay focused on your priorities. Remember - Like what you do and then you will do your best.

Some habits will help you to stay positive and focused as well as reduce stress. Take frequent breaks, eat healthy and keep yourself hydrated, sleep for at least 8 hours a day, exercise and find activities that help you relax. Give your best and leave the rest to God.

Nilufer P Kamble, Teacher, CNM School, Vile Parle, Mumbai



WHAT IT IS

- It is a working model representing a hydraulic drawbridge based on the concept of Pascal's Law
- Pascal's Law on Fluid Mechanics states that "a pressure change occurring anywhere in a confined incompressible fluid is transmitted throughout the fluid such that the same change occurs everywhere."

HOW WE WENT ABOUT IT

- We made the bridge in two halves such that each side had an upper movable part which can be raised. The vertical stands were attached to a base.
- In each half, a pair of syringes containing water connected by a tube played the role of raising the bridge. One of the syringes was placed at an angle of 45 degrees to the stand such that its piston touched the upper bridge.

WHAT WE UNDERSTOOD

- As force was applied on the plunger, water passed through the tube and exerted pressure on the other syringe (piston), lifting the bridge and came back down upon creating pressure on the free syringe. Thus, a hydraulic bridge working on the principle of Pascal's Law was successfully constructed.
- The pressure exerted by the fluid acts with equal force on all equal areas of the confining walls and perpendicular to the walls. This is the basic principle for any hydraulic system.

MORE FACTS

- The famous London bridge on the river Thames was also powered by hydraulic systems in the 20th century.
- Hydraulic brake systems are used as the main braking systems in almost all passenger vehicles.

Avani Pandit, Rashil Singh,
class X, Apeejay School,
Nerul, Navi Mumbai



MY SCHOOL PROJECT

Hydraulic Bridge



To show the working of the model we had to press the piston of the syringe. As the water is pushed under pressure, it travels through pipes, eventually leading to the other syringe that acts as a piston.

Here, the pressure exerted by the fluid (water) causes the piston to rise and push the bridge section with a vertical force, hence raising it.



SCHOOL IS COOL

TUESDAY, MARCH 16, 2021

It's not just a place where you get to learn Einstein's Theory of Relativity. It's also a place where you can think beyond the classroom. Hence we say, **SCHOOL IS COOL!**

03



FROM THE PRINCIPAL'S DESK

TORCHBEARERS OF THE NATION

2020, the year that toppled the whole world, has brought about a significant change in the field of education. Things that once seemed to be impossible have found many possibilities last year. When the whole world was thinking about different ways to combat boredom during the lockdown, the only sector that was constantly working in finding innovative ways to keep the learning going was the education sector.

Though last year had been quite challenging for the staff and students to adapt to a new Teaching & Learning Process, we, at Gitanjali Devakul, were successful in imparting the knowledge and skills to children throughout the year without compromising on the standards of education.

Yes, at the beginning we all felt that it was a Herculean task. "Nothing will stop the Gitanjalians" was our motto for the year. Our teachers have attended various webinars and were trained to use technology to make classes fun and interesting. Teachers took this pandemic as an opportunity to learn, unlearn and relearn. They were on their toes to deliver the



Sreelekha Suresh,
Principal,
Gitanjali Devakul
Hyderabad

best to the students virtually. Instead of the routine lecture method, our classes were made exciting with the videos and PPTs prepared by the teachers, with group discussions and debates, roleplays, hands-on activities, and so on.

Competitions, celebrations, and morning assemblies were also a part of the virtual classes. All this wouldn't have been possible without the support of the management, especially guiding the teachers and choosing the best virtual platform to conduct the classes. Appreciation from the parents also was encouraging. Salute to the torchbearers of the nation, our teachers.



'MY VISION FOR INDIA'

Lahari Tenneti, head girl of Delhi Public School, Nacharam, was selected along with eight other girls from across the country to interact with the Union Minister of Education, CBSE chairman and Joint Secretary.

The students presented their vision for India, on the occasion of International Women's Day. They shared their vision to create a happier India, focused on gender equality and modern education.

The minister was delighted on seeing the confident girls and expressed faith in the ability to restore India's status as Vishwaguru. Lahari spoke about modernising education, bringing attention to the NEP 2020 and how it would help.

She also suggested methods like blended learning, remote learning, animating and gamifying topics in the curriculum, so that there is a positive and fun learning process and outcome. The dignitaries then went on to launch comics on this occasion.

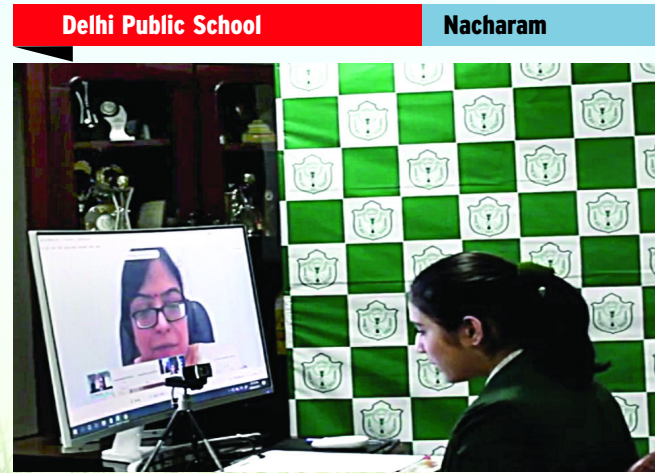
Lahari spoke about believing in the power of knowledge and education, for it unifies diverse thoughts and acts as a medium through which we convey our ideas. She quoted a beautiful Sanskrit shloka, that encapsulates the same idea.

"The wealth that can neither

be stolen, nor usurped by the state; that can't be divided amongst siblings and isn't a burden to carry. The wealth that increases by giving, is that of education and is the epitome of all possessions."

Taking inspiration from Prime Minister Narendra Modi, she spoke about achieving 'Sarvottam Shiksha for an Aatmanirbhar Bharat', highlighting aspects like education and how integrating them with technology can do wonders. She reiterated her support for NEP 2020 and termed it as a step towards revolutionising Indian education.

Lahari thanked principal Sunitha Rao for her unstinting support and confidence shown on her.



Life's abuzz for young techie

"When the entire world reeled under the pandemic pressure
A rising star shone bright
Twinkled in the 'dark no moon'
Unfathomed by the adversity's height
Overhauling the venomous sting
Endearing success all through
A rising star shone bright"

This poem aptly describes Aarav Garg's attitude towards life. The class X student of Sister Nivedita School is an exemplary example to every student of his age. During the pandemic when most students complained about the freedom it stole by putting shackles to play time and get-togethers, the young boy achieved more than one could ever dream of.

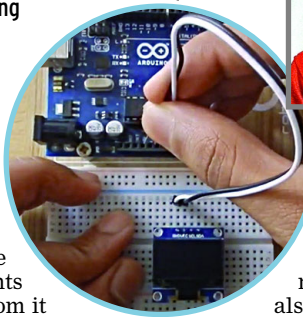
Starting his way to fame in March 2018 as a class VIII student, he started

Sister Nivedita School
Ameerpet



his own YouTube channel, Tech Nuttie through which he helps middle, high school, engineering students and also to the differently abled children to learn robotics and programming with over 100k views on the channel currently.

He believes in doing it as social work and is also invited by various educational institutions to give guest lectures on the same.



Since July 2020, he led the School House Team Kohinoor as Captain. He was sponsored by multiple leading companies such as Robo India, leader in Robotics and electronic components, Circuitloop Technologies and IAmRapid leader in 3d Printing for making YouTube electronics & robotics videos. He recently won cash prize and All-India-Rank 24 in the Unified Cyber Olympiad conducted by the Unified Council. He is also the winner of 'Tinfoil Speed Challenge, \$50 contest conducted by Instructables. Aarav was invited to intern with ClickHappiness where he took care of the social media handles and coordinated with the complete social media team. Aarav Garg was appreciated and congratulated for his productive utilisation of his time during the pandemic to bring laurels to himself and the school. Correspondent Hari Hari Prasad and principal T Lalitha Kumari wished him all the best for his future endeavours.

POWER OF NATURE

Humans think they can do anything,
But they are wrong as though it seems.
Can they ignite the silent oceans,
Or separate the land from the sea.

Can they halt the tsunamis,
Which swallow everything in their way.
Can they force the sun to rise early,
To start off with their day.

Can they go down those deep oceans,
Can they find that which is not found.
Can they move those hefty mountains an inch,
Which are anchored right into the ground.

They cannot, as this is the beauty and power of nature.
It creates, while we do the nomenclature

IBRAHIM BIN MOHAMMED, class IX A,
Madina Public School, Hyderabad



The power of determination

In my 10 years of life, I can say that I have achieved many a laudable thing. But I have not accomplished these things alone. Inspiration has rippled in from many wonderful people. However, the strongest inspirational force in my life has been my music teacher, Ravi Ganesh Sir, a name to reckon with in the Hyderabad Carnatic music circles.

Apart from introducing me to the magical world of music, he has taught me a very valuable lesson for life - 'the power of determination'. Although visually impaired, his mental grit has seam-

lessly seen him through the journey of becoming an accomplished music teacher.

He has made me realise that determination is a very powerful force.



RAVI GANESH, Music Teacher

INSPIRING ICONS

I have decided to try my best to clear all the obstacles that life throws in my way to achieve my goals. I hope there would be one such day when the entire kids-dom realizes that determination can help us soar great heights.



ISHIKA PADHY, class IV C,
Bharatiya Vidya Bhavan's Public School, Jubilee Hills



NEVER GIVE UP!

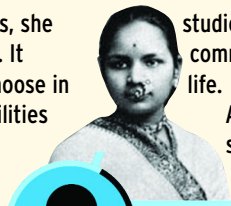
degree. Despite the hurdles, she went on to study medicine. It taught me that what we choose in our life depends on our abilities and will.

The values of "perseverance, patience and dedication" are what we learn from her life. In America, her health worsened because of the cold weather and unfamiliar diet but these never got her enthusiasm down.

This shows her dedication towards medicine and tells me that not only in

studies, we should be completely committed in all our pursuits in life.

Anandi Joshi also demonstrates the importance of "never giving up" in spite of



INSPIRING ICONS

ANANDI GOPAL JOSHI, Physician

difficulties. 'We should look ahead rather than backward'. **SHIVANI PHADKE, class VIII C,** Delhi Public School, Secunderabad

"No man or woman should depend upon another for maintenance and necessities. Family discord and social degradation will never end till each depends upon herself."

-Anandi Gopal Joshi

I have drawn tremendous inspiration from the life of Anandi Gopal Joshi, one of the earliest female physicians from our country.

Coming from an orthodox society, she faced opposition when she planned to go to the US to pursue her medical

YOGA4ALL

UTKATAKONASANA (translated as fierce angle pose) is called goddess pose since it connects to the feminine energy in us. Utkatakonasana is a not-so-ancient posture and a variation of Utkatasana (translated as fierce pose), which resembles sitting on a chair

01 Stand with feet together and hands on the hip.

02 Jumping up, take your feet apart and toes turned outwards.

03 Bend both knees outwards such that the shin is perpendicular to the floor, and thighs, parallel to the floor.

04 Squat downward till both thighs form a single straight line parallel to the floor, pushing knees outwards.

05 Hands can either be placed on knee, or lifted up.

06 Take care not to lean forward in the posture. Keep the spine erect.

07 Hold the position for eight to ten deep breaths.

08 To come out of the position, slowly straighten your legs, bring hands back on the hip and jump back to Samasthithi.

BENEFITS

- Since this is very easily doable, any level of practitioner can include this asana in his/ her practice.
- It is beneficial for both upper and lower body, mainly strengthening legs, thighs, knees, groin and glutes.
- It helps one build a better posture, making the individual more poised.

PRECAUTIONS

This posture should be avoided in case of chronic knee pain, knee and leg injuries or surgeries.

SANNUTHA SHASTRI,
Yoga teacher,
Appollo National Public School, Bengaluru.

Ut katakonasana

"The views expressed in the above article are those of the author's and the newspaper takes no responsibility of it."

Redefining education with an innovative approach

We constantly hear and sometimes engage ourselves in talks about the imminent need for improving the quality of holistic education for students. Education Leaders Conference, with the theme "Setting New Directions" was a humble, and perhaps novel attempt at bringing together academic institutions to create a community of progressive individuals, initiate a dialogue and come away with actionables to raise the bar of academic excellence. American author John Maxwell says, "If you are a leader, do everything you can to grow yourself and create the right environment for others to

Kompass Junior College
Hyderabad

grow". This community of educational leaders will engage in a meaningful dialogue through regular interactions and exchange of ideas on how to improve academic outcomes and the holistic development of students during their years of education.

Education Leaders Conference was hosted by Compass Junior College recently. The conference was attended by chairmen/principals of top schools of Hyderabad like Jubilee Hills Public School, Delhi Public

School, Gitanjali School, Gitanjali Vedika, Little Flower High School, Sri Chaitanya, Narayana among others.

The conference had thought-provoking discussions on three contemporary topics starting with 'How to orient faculty to the new realities of tech-based education', which had panellists share their experiences and innovations that they brought in times of Covid to ensure students learn online as effectively as in physical classes. They discussed about various tools like Learning Management System, Gamified Learning Apps and at the same time talked about the importance of

parents' involvement in their child's education.

The second topic, 'Building empathy and equity in the classroom' saw engaging conversations from various types of empathy to why it is so important for holistic education and positive learning outcomes. The last topic, 'Changing focus towards skill-based academics in light of the NEP 2020' had panellists discuss about the significance of skills like communication, negotiation, entrepreneurial, critical thinking and leadership and how schools are integrating these skills in their syllabi through various group projects.

There was also a book launch & reading by renowned educationist Renu Shorey, author of 'Soft Skills for A Big Impact'.

Speaking on the occasion, Soumen Chatterjee, CEO of Compass Junior College said, "We want to make Telangana a destination for commerce, just like it's known for sciences. For that to happen, all the top educational institutions have to come together and the Educational Leaders Conference is a step in that direction." Dr Sarath Garimella, Director & Dean, talked about the focus on professional career pathways in Commerce & Humanities.



FEARLESS & SKILFUL

Yuvraj Singh credited Ishan Kishan's Indian Premier League (IPL) experience at a young age for the latter's explosive and fearless international debut. The southpaw has hit the nail of the head. Here's why...



Ishan Kishan

The Men in Blue were off to a horrible start in the T20 series, suffering a demoralising eight-wicket loss in the opening match but turned the tables on England with a seven-wicket win in the second game. In stark contrast from the first match, Virat Kohli and his men excelled in all departments. The inclusion of Ishan Kishan, who made a sparkling debut with a 32-ball 56, allowed India to go ahead with their new approach that encourages batsmen to express themselves.

Despite losing KL Rahul in the first over with no runs on the board, the 22-year attacker from the word go, smashing Jofra Archer for a boundary in the very first ball he faced. According to ESPNcricinfo's ball-by-ball data, Kishan was defensive against just two of the 32 balls he faced, providing a peek into the new, no-holds-barred approach that India captain Kohli had promised on the eve of the series opener.

Having faced good pacers in IPL helped me: Kishan

➔ Ishan, who plays for Mumbai Indians, also said that facing world-class bowlers during

“He (Ishan) knew he was hitting the ball well so he kept taking his chances. But he was calculated. He wasn't reckless. And that's what you want to see in youngsters. Coming in, looking composed, still backing themselves but being aware of what the situation of the game is and I think today that counterattacking innings of his and our partnership (94 runs off 54 balls) was something that the team needed and he provided that for the team.”

VIRAT KOHLI, India captain

the IPL helped him build his confidence. “It obviously helped (to face the likes of Mumbai Indians teammates Trent Boult and Jasprit Bumrah) in the nets. They are very pacy bowlers and to hit shots against them gives confidence. In IPL you get to face quality bowlers from across the world and you start getting used to these bowlers. And I think that really helped me,” said Ishan.

➔ Kishan also said that the team management had backed him to play his natural game without feeling the pressure. “Before the match I was told to go and open the innings and play freely the way I play in IPL. I was told not to take extra pressure. But it being my first game I was a little nervous while going to the ground,” he said.

Pant's spirit epitomises India's confident, attacking approach: Chappell

➔ Former Australia captain Ian Chappell has said that the spirit of wicketkeeper-batsman Rishabh Pant epitomises India's con-

“I think he (Ishan) has really played well on debut. It's not surprising given the amount of IPL exposure he's had and the success he's had in the tournament. That has clearly bridged the gap between domestic and international cricket. And he's not the first player to come in and do it in an Indian shirt.”

EOIN MORGAN, England captain

fidant and attacking approach in modern-day cricket. “In modern India, the players are more confident and aggressive. This attitude is boosted further on reaching the international arena by the positive encouragement of the leadership group of Virat Kohli, Ajinkya Rahane and Ravi Shastri. Then there's the IPL. It has resulted in Indian players being exposed to more international thinking and training, which has had a positive effect on both cricketers and coaches,” Chappell wrote in his column for ESPNcricinfo.

➔ “Pant is a popular player in the Indian side and his spirit epitomises the team's confident, attacking approach to the game. England has players who could provide a similar stimulus to their team. What they lack is a conducive environment,” he added.

KOHLI IS BACK

A look at major records created by milestone man Virat Kohli with his unbeaten 73 against England in the 2nd T20I

1 Virat Kohli became only the third player to complete **12,000 international runs** as captain. He joined former Australia captain Ricky Ponting and former South Africa captain Graeme Smith in an elite list of captains who amassed over 12,000 runs in international cricket across formats. In addition, he is the fastest to the 12,000-run mark among international captains, taking only 226 innings. The next Indian on the list is former skipper MS Dhoni, with 11,207 runs under his belt during his memorable captaincy tenure.

2 Virat Kohli scored his **26th half-century** in T20Is en-route to his unbeaten 73 against England on Sunday. The Indian captain thus surpassed teammate Rohit Sharma (25) to go on top of the list of batsmen with most half-centuries in the shortest format.

3 Virat Kohli registered his **10th fifty as captain** in T20Is with his 73-run-knock against England. He is only behind Kane Williamson (11) on list of captains with most half-centuries in T20Is. Williamson and Kohli are the only players to have ten-plus fifty scores in Tests, ODIs and T20Is as captain.

4 Virat Kohli became the first batsman in the world to reach the milestone of **3,000 runs in T20Is** with his 73-run-knock on Sunday. The Indian skipper now has 3001 runs to his name in 87 T20Is at a stunning average of 50.86. He is the leading run-getter in T20Is at present. New Zealand's Martin Guptill is second on the list of leading run-getters in T20I cricket, having scored 2,839 runs in 99 matches. India's Rohit Sharma comes third in the list with 2,773 runs in 108 matches.

PSG miss out on top spot after shock Nantes defeat



Moses Simon of Nantes

Paris Saint-Germain missed the chance to move top of Ligue 1 after falling to a shock 2-1 home loss to Nantes, allowing Lille to maintain their league lead despite drawing 0-0 at Monaco. The reigning champions had the chance to take first place from Lille on goal difference but strikes from Randal Kolo and Moses Simon wiped out PSG's half-time lead, which came through Julian Draxler, and inflicted a fourth home defeat this campaign on the capital club. Lille stayed top and gained a point on PSG, taking their lead to three on both them and Lyon, who could only draw at Reims on Friday.

Photo: AP

QUIZ TIME!

Q1: Who claimed the most number of wickets in Indian Premier League 2017?

- a) Jaydev Unadkat ☐ b) Mitchell McClenaghan ☐
c) Jasprit Bumrah ☐ d) Bhuvneshwar Kumar ☐

Q2: Who won the 2016 Wimbledon singles title?

- a) Andy Murray ☐ b) Rafael Nadal ☐
c) Stan Wawrinka ☐ d) Roger Federer ☐

Q3: In which year did Sunrisers Hyderabad win the one and only IPL title?

- a) 2017 ☐ b) 2016 ☐ c) 2015 ☐ d) 2014 ☐

Q4: Along with Roy Krishna, who tops the list of high scorers in Indian Super League - 2020-21?

- a) Aridane ☐ b) Igor Angulo Alboniga ☐
c) Diego Maurício ☐ d) Sunil Chhetri ☐

Q5: Which team holds the record for the highest total in Indian Premier League?

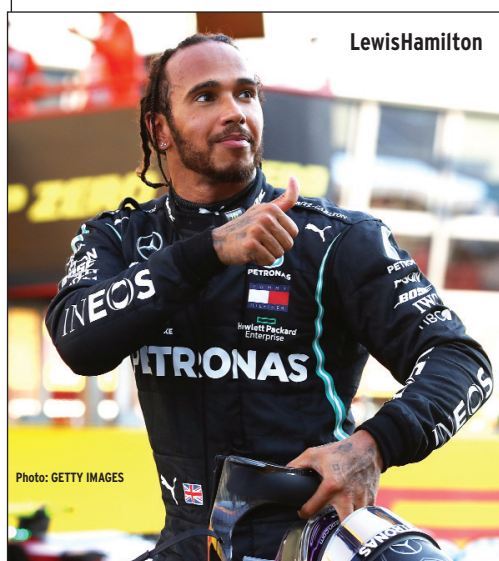
- a) Kings XI Punjab ☐ b) Royal Challengers Bangalore ☐
c) Chennai Super Kings ☐ d) Kolkata Knight Riders ☐

Q6: Who made the most assists in German Bundesliga - 2017-18?

- a) Jadon Sancho ☐ b) Jonas Hofmann ☐
c) Joshua Kimmich ☐ d) Thomas Müller ☐

Q7: In which year did Lewis Hamilton win his first F1 World championship?

- a) 2007 ☐ b) 2008 ☐ c) 2009 ☐ d) 2010 ☐



LewisHamilton

Photo: GETTY IMAGES

Q8: Who is the current coach of Kings XI Punjab, now renamed as Punjab Kings?

- a) Trevor Bayliss ☐ b) Stephen Fleming ☐
c) Mahela Jayawardene ☐ d) Anil Kumble ☐

Q9: Who is the Top Scorer of Italian Serie A- 2019-20?

- a) Francesco Caputo ☐ b) Ciro Immobile ☐
c) Cristiano Ronaldo ☐ d) Romelu Lukaku ☐

Q10: Which of the following stadiums is the home ground of Chennai Super Kings?

- a) Wankhede Stadium ☐ b) M Chinnaswamy Stadium ☐
c) MA Chidambaram Stadium ☐ d) Eden Gardens ☐

Q11: Serena Williams won her last grand slam title during which event?

- a) Australian Open ☐ b) US Open ☐
c) Wimbledon ☐ d) French Open ☐

Q12: Who was the top scorer of German Bundesliga - 2017-18?

- a) Kevin Volland ☐ b) Nils Petersen ☐
c) Niclas Füllkrug ☐ d) Robert Lewandowski ☐

ANSWERS: 1- d) Bhuvneshwar Kumar
2- a) Andy Murray 3- b) 2016
4- b) Igor Angulo Alboniga
5- b) Royal Challengers Bangalore
6- d) Thomas Müller 7- b) 2008
8- d) Anil Kumble 9- b) Ciro Immobile
10- c) MA Chidambaram Stadium
11- a) Australian Open
12- d) Robert Lewandowski