

Central Chronicle

Founder: Late Shri Ramgopal Maheshwari

Inspiration: Late Shri Prafulla Kumar Maheshwari

EDITORIAL

Self-reliant India

The SEMICON India 2025 conference has become a historic turning point in India's scientific development. On this occasion, Electronics and IT Minister Ashwini Vaishnav introduced the 'Vikram 3201' processor to Prime Minister Narendra Modi. It has been jointly developed by the Indian Space Research Organization (ISRO) and the Chandigarh-based Semiconductor Laboratory. This achievement is not just a technological step, but a proclamation of India's semiconductor self-reliance.

This 32-bit microprocessor is capable of operating in temperatures ranging from -55 °C to +125 °C. It will handle responsibilities such as navigation, control and mission management of rockets and launch vehicles. Its specialty is that it remains reliable even in difficult conditions like radiation and vibration. Since 2009, ISRO has been using 'Vikram 1601' (16-bit). Now the new processor not only brings 32-bit architecture, but also has capabilities like 64-bit floating-point operation, ADA programming support and on-chip 1553B bus interface. It is built with 180-nanometer CMOS technology, which is a proven standard for aerospace applications. In fact, 'Vikram 3201' has already been successfully tested in the PSLV mission. It proved its reliability by operating the POEM mission management computer. Apart from this, ISRO has also launched another processor named 'Kalpana 3201' and four other indigenous electronic devices. All these will help in reducing India's import dependence.

Today semiconductors have become the most important resource in the geopolitics of the world. Chips are the center of the trade war between America and China. Taiwan, which alone handles about 60 percent of global semiconductor production, has become a decisive factor in the security equations of Asia-Pacific. In such a situation, India's development of its own space-grade processor is not just a technical progress but also a guarantee of strategic indepen-

dence. With this, India will no longer be a hostage to external supply chain constraints. Prime Minister Narendra Modi has clearly stated in the conference that India is no longer just a consumer, but also a manufacturer. Our strength is innovation and our direction is self-reliance. Obviously, this quote from the Prime Minister further underlines the importance of this achievement. Schemes like Digital India, Make in India and now Semicon India show that India is moving towards becoming a manufacturer and not just a buyer of technology.

It was also told in the conference that five new semiconductor units are being set up in the country. Through the Design-Linked Incentive Scheme, solid preparations are being made to give India a strong position in the global supply chain. Overall, 'Vikram 3201' is a symbol of India's technological self-reliance. It will secure ISRO's flights and bring India into the category of countries that make their own space-grade technology. This achievement provides new strategic strength to India at the time of the chip war between America, China and Taiwan. The message of SEMICON India 2025 is clear that India is no longer just a technology market but is rapidly moving towards becoming a hub of innovation and self-reliance.

Earlier, PM Narendra Modi inaugurated the 'Semicon India - 2025', aimed at catalysing India's Semiconductor ecosystem, at Yashobhoomi in New Delhi on Tuesday. Addressing the gathering, the Prime Minister acknowledged the presence of semiconductor industry CEOs and their associates from India and abroad. He welcomed distinguished guests from various countries, entrepreneurs associated with start-ups, and young students who had come from different states across the nation. Modi stated that he returned last night from his visit to Japan and China, and today he is present among the audience in Yashobhoomi, a hall filled with aspirations and confidence.

Championing Girl Power

Educate Girls Receive 2025 Ramon Magsaysay Award



India's leading non-profit organisation Educate Girls has been named a 2025 Ramon Magsaysay Awardee, Asia's premier prize and highest honour. It is the first Indian organisation ever to receive this award, in recognition of "its commitment to addressing cultural stereotyping through the education of girls and young women, liberating them from the bondage of illiteracy and infusing them with skills, courage, and agency to achieve their full human potential."

The non-profit joins a lineage of distinguished laureates, including filmmaker Satyajit Ray, singer M.S. Subbulakshmi, social reformer Kiran Bedi, and Vinoba Bhave, alongside international icons such as Nobel Peace Prize laureates the Dalai Lama and Mother Teresa, as well as Oscar-winning storyteller Hayao Miyazaki.

A historic moment

"Being the first Indian non-profit to receive the Ramon Magsaysay Award is a historic moment for Educate Girls and for the country. This recognition places a global spotlight on India's people-powered movement for girls' education, one that began with a single girl in the remotest village and grew to reshape entire communities, challenging traditions and shifting mindsets," said Safeena Husain, Founder, Educate Girls, reflecting on this milestone.

Safeena said further this Award honours our dedicated Team Balika volunteers, valued partners, passionate gender champions, and supporters, and

acknowledges the millions of girls who reclaimed their right to education. As we work to reach 10 million learners in the next decade and share this blueprint beyond India, we carry forward a simple truth that when one girl is educated, she takes others with her, multiplying change across families, generations, and nations.

Education is every girl's right

Educate Girls believe that education is one of the greatest levers for development. But above all, education is every girl's fundamental and inherent right. This prestigious award recognises the transformational change that is possible through partnerships with the government, philanthropic institutions, corporations, and grassroots communities, working together to tackle societal and systemic barriers and promote equitable and accessible education for girls everywhere.

Educate Girls said we are deeply grateful to the Government of India for its phenomenal initiatives that have made this possible. Warm congratulations to our fellow awardees, Shaahina Ali and Fr. Flaviano Villanueva, whose work inspires us all," added Gayatri Nair Lobo, CEO, Educate Girls.

Founded in 2007, Educate Girls has been working for nearly two decades to break cycles of poverty and illiteracy by empowering girls through education. It has worked across 30,000+ villages with the support of 55,000+ community volunteers, bringing over 2 million girls back to education and supporting over 2.4 million children in remedial learning.

United action is warranted for antimicrobial resistance which threatens everyone

BOBBY RAMAKANT – CNS
A collage of people speaking into microphones AI-generated content may be incorrect.

When misuse and overuse of medicines is making infections difficult or impossible to treat, then are not we all at risk? rightly asks Bhakti Chavan, a survivor of extensively drug-resistant TB or XDR-TB (one of the severest forms of TB which has very limited treatment options) and a member of World Health Organization (WHO) Task Force of antimicrobial resistance (AMR) Survivors.

Bhakti had no prior history of TB disease but got infected with TB bacteria, which was extensively drug-resistant. If infection prevention and control had been optimal at all healthcare settings, society, community and homes, then no one should get infected with a preventable disease like TB. Bhakti is cured now and risen to help raise awareness and protect others from AMR.

If we do not act now, we can go back to pre-antibiotic era
"Antimicrobial resistance (AMR) occurs when bacteria, viruses, fungi and parasites change over time and become resistant to (or no longer

respond to) medicines, making infections harder to treat and increasing the risk of disease spread, severe illness and death. As a result of drug resistance, medicines become ineffective,

and healthcare expenditure that can affect household welfare severely. We all need to realise that if we do not act now, we could go back to a pre-antibiotic era, when even simple infections

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and infections become increasingly difficult or impossible to treat. AMR is a problem driven by misuse and overuse of antimicrobial medicines - including antibiotics, antivirals, antiparasitics and antifungals - and results in critical medicines losing effectiveness to treat infections," said Dr SS Lal, a distinguished global health leader who serves as Director of ReAct Asia Pacific.

"AMR is associated with around 5 million deaths a year. Besides this, there is the huge burden of morbidity

become untreatable," said Dr Lal.

Dr Lal reminded that first antibiotic was discovered in 1928 – almost 100 years ago, which has saved several millions of lives. But first sign of antibiotic resistance became apparent soon after the discovery of penicillin. The spread of penicillin resistance was already documented by 1942, when four Staphylococcus aureus strains were found to resist the action of penicillin in hospitalised patients.

We all are at risk of AMR
"Antimicrobial Resistance (AMR)

COURAGEOUS FORM THE REAL VICTORS

Kajal Chatterjee
The pre-condition to judge a Victorious or loser remains that the fight or competition must be between equals or by residing upon the same platform. Moreover, the valour courage of the concerned individuals or group must also be necessarily taken into consideration instead of looking just at the result.

Rana Pratap not only had got defeated in Haldighati, he failed in his ultimate dream to recapture Chittorgarh also. But he will remain the Eternal Hero in the history of India for his exemplary show of Spine and unconquerable mindset despite suffering the worst.

Bagha Jatin might have got shot at Balasore, Orissa leading to his "defeat" and death; yet he is an unparalleled Victor. No wonder why the then Police Commissioner of Bengal Charles Tegart had remarked that if Jatin were an Englishman, then the English people would have built his statue next to Nelson's at Trafalgar Square!

Did Netaji's INA succeed in his mission of capturing Delhi! Yet he will continue to shine bright for his Patriotism and valiant effort which had led Clement Atlee, British PM during transfer of power, to admit that the march of INA had shaken the very foundation of the British

Empire!

In this very context, Bengalis also need to be judged. Yes, Bengalis had suffered much due to the Partition and displacement. Now surely Bengalis are not responsible for these series of setbacks ; rather these untoward developments had been imposed upon the Bengali people and so nobody holds any right to dub

“ In contrast the Bengali refugees were awarded step-motherly treatment and so they had to fight for survival on the streets of Kolkata/West Bengal through sheer own steam or settle in arid lands and unfriendly environment of Dandakaranya or Andaman Islands!

this community as 'defeated'!

Rather this community deserves Salute for its unfathomable courage bravery tenacity perseverance and "Never Say Die" attitude despite getting entangled in such a mess which have been imposed upon them by the others.

And that Bengalis are made of which mettle got proved by the Partition saga. Of course Punjabis also had to sacrifice their land livelihood and lives due to communal arson following the wake of the Partition of India along with the Bengalis, but at least the displaced lot

from West Punjab were offered handsome compensation and rehabilitation policies including transfer of enemy property.

In contrast the Bengali refugees were awarded step-motherly treatment and so they had to fight for survival on the streets of Kolkata/West Bengal through sheer own steam or settle in arid lands and unfriendly

environment of Dandakaranya or Andaman Islands! And even after such a man-made calamity, those displaced Bengalis had fought back against all possible odds, survived and rebuilt their lives through unparalleled honest struggle and moral courage!

Despite such trial by fire and passing the litmus test of tenacity with Honours, who dares to call Bengalis 'defeated'! Rather caps should be doffed to this unconquerable community and exclaim 'Heroism and Victory, thy name is Bengali'!

In this context of winner and

loser, the latest misery being heaped upon the Bengalis must also be invoked for its relevance. Innumerable poor hardworking honest Bengalis are being tormented physically abused detained continuously since May in several states compelling them to return to West Bengal in droves. But do this development make them 'defeated'! Certainly not because there exists no level playing field in this scandalous saga!

In contrast despite chest-thumping and shrill beating of own bankrupt trumpet, the Who's Who of the country form the MOST SCANDALOUS LOSERS as they have failed absolutely in protecting the human rights of the very own citizens of India and have made a mockery of the Idea of India by tacitly supporting the exodus of Bengalis and letting Racism and Communalism call the last shot. Ending with the Bhutanese Olympian Kinzang Lhamo who had reached the finishing line last in the women's marathon at the 2024 Paris Olympics; yet she had won the heart of the world for her tenacity perseverance and "never say defeat" attitude by ultimately completing the entire 26.2 mile course in 3 hours 52 minutes and 59 seconds by battling the hilly terrain and heated conditions!

Letters to the Editor

'Best at fooling people, best as a leader': Nitin Gadkari's remark triggers political debat

Sir, Hardly three days ago Union Minister Nitin Gadkari, famed for his candid remarks, stirred a fresh debate by declaring that 'the one who can fool people is the 'best leader.' And the best leader is none, but Prime Minister (PM) Narendra Modi. If not, then how PM Modi started vote politics, after responding strongly to alleged abuses against his late mother during a Congress-RJD rally in Bihar, stating "The slang used on a Congress-RJD stage was not just for my mother, but for crores of mothers and sisters. Princes born in royal families won't understand the suffering of an underprivileged mother and her underprivileged mother's son and made him Pradhan Sevak (only to world tour with taxpayers money, Rs. Ten thousand suits, costly Montblanc pen, Maybach Glasses and using a Rs 12-Crore Mercedes-Maybach S650). He expressed that the people of Bihar shared his pain and condemned the remarks. PM Modi perhaps forgets that boomerang hurts most the person who throws it ! He must not cry on his doings! Nobody cares about his mother! If Modi has to love for his mother, he should not make his mother stand in line during the Demonetisation for political mileage while his Adani and Ambani were getting money exchanged at home, or he took media to her house to show when he touched his mother's feet is nothing but only for publicity! Moreover, this sense of abusing one's mother is not right dawn on PM Modi much earlier in his younger times when he was abusing all women leaders, from the Didi O Didi streetside hoot against Mamata Banerjee to Jersey Cow & Congress ki Vidhwa against Sonia Gandhi and her son Rahul a "hybrid bachda (calf)", to 50 crore ki Girlfriend for Shashi Tharoor's (late) wife Sunanda Pushkar. Even on the floor of Parliament, had not the PM Modi said that Renuka Chowdhury's laughter reminded her of Ravana's sister Surpanakha?

Bidyut Kumar Chatterjee

Tech

Xiaomi HyperOS Releases in India; Company Reveals Rollout Timeline

Xiaomi introduced the HyperOS interface in India on Thursday, February 29. The company also revealed the rollout timeline of the new operating system in the country for existing smartphones and tablets. Recently, Xiaomi also confirmed a list of devices that will get the HyperOS update globally in H1 2024. Notably, the Xiaomi 14 is set to launch in India on March 7 and will be the first phone in the country to run this UI out-of-the-box. It was also the first model ever, alongside the Xiaomi 14 Pro, to ship with HyperOS, when they were unveiled in October 2023.

Xiaomi HyperOS is claimed to optimise performance and increase the interconnectivity of a device. This interface comes with an AI-backed gallery, a new colour system, redesigned icons and Xiaomi's HyperConnect, which is said to improve productivity across Xiaomi devices. The company notes that the availability of certain features will vary depending on the device which is getting the update.

In India, Xiaomi 13 Pro and Xiaomi Pad 6 users are currently eligible for a stable HyperOS upgrade, as well as Redmi 12 5G, Redmi 12C, Redmi 11 Prime and Redmi Pad users. The company claims that the following devices will get the update in the month of March: Xiaomi 12 Pro, Redmi Note 13 Pro+, Redmi Note 13 Pro, Redmi Note 13, Redmi Note 12 Pro+, Redmi Note 12 Pro and Redmi Note 12.



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