

BHARATI VIDYAPEETH COLLEGE OF ENGINEERING



Bharati Vidyapeeth is a organization established in the year 1964 by our respected founder Dr. Patangraoji Kadam. It has today created history by establishing 187 educational institutes imparting education from the pre-primary stage to post graduate stage within a short span of 44 years.

At Bharati Vidyapeeth our objective has been to contribute to intellectual awakening and social transformation in different spheres such as education, economic, social and cultural fields in India and more particularly in Maharashtra. Our commitment and dedication has been towards catering to needs of Corporate India by providing quality education and to bring about an all-round development of a wider cross section of population including women, tribal and rural people. Always a step ahead, in May 1995 the department of human resources development, Government of India, on the recommendations, of the University Grants Commission accord-ed the status of Deemed Uni-versity to 26 institutions of Bharati Vidyapeeth.



Department's Vision

To be a Centre of Excellence in Computer Engineering domain and work with industry on cutting edge technology to meet current and emerging challenges in global perspective for the development of society and nation.

PEO

- Application of knowledge:- Students will be able to apply written oral and graphical communication in both technical and non-technical environments, and an ability to identify, use appropriate technical literature to design, develop and maintain reliable and efficient software.
- Interpersonal Skill:- Work successfully in this chosen career individually and within a professional team environment.
- Design with responsibility:- Student will have an ability to design system, component to meet desired needs within realistic constraints such as environment, social, political, Health and sustainability.

Department's Mission

- Technical Skills:-To provide solid technical foundation theoretically as well as practically in the discipline of computing enabling students to adapt to rapidly changing technology and betterment of society.
- Development:-Department caters to the need of students through comprehensive educational programs, dissemination through scholarly publications, and prepares them for various professional bodies.
- Ethical leadership:- Department develops ethical leadership acumen in the students to succeed in industry, government, and academia.

THE GEN Z TAKE ON WORK CULTURE IN 2023

Twenty-three-year-old Mini Sharma, who worked for a media company, quit after working for five months

this year because of a poor work-life balance. "I was clocking over 12 hours daily. Even on my off days, I was expected to work, mirroring the habits of senior colleagues. The workload was overwhelming, exceeding our team's capacity. For five months, my life revolved between home and office, leaving little room for anything else," she says.



Generational shift

Despite the layoffs this year, many Gen Z workers did not hesitate to make unconventional decisions at work. As per a study published in *Frontiers*, Gen Z prioritises individual expression over labels.

"Gen Z champions work-life balance, workplace diversity, and mental wellbeing. With an individualistic approach, they prioritise self-awareness," says Anup Tripathi, Assistant Professor of Sociology at FLAME University.

The changing face of MSMEs in India



- The micro, small, and medium enterprises (MSMEs), which play a pivotal role in the Indian economy, are poised to elevate their GDP contribution from 30% to 40% in the coming year.
- Once recognised as traditionally operated, MSMEs have demonstrated resilience and growth by embracing the dynamics of the emerging business landscape.

Edtech in 2023: BYJU'S and beyond

After a turbulent 2022, the edtech sector hoped for a rebound in 2023. Alas, that was not the case with prominent players like BYJU'S grappling with woes, including widespread layoffs, top-level departures, and funding constraints. On the positive side, edtech firms realised the need for strategic business improvements and prudent cost-cutting measures to tide over the liquidity crisis.

“It is likely that we will continue to witness layoffs going forward as companies in the sector streamline and aim to become more profitable,” says Neeti Sharma, Co-founder and President of TeamLease Edtech.



A tale of Gen Z's social media obsession

Millennial angst and Gen Z relationship drama form the crux of *Kho Gaye Hum Kahan*. From writers Zoya Akhtar, Reema Kagti, and Arjun Varain Singh—the film is set in the niche culture of primarily English-speaking young folk of Mumbai's tony western suburbs like Bandra and Khar.



Stories that won our hearts

1. In 1990, a group of friends, all in their early 20s, including Nivedita Banerji, guided by social worker Baba Amte, started Samaj Pragati Sahayog, one of India's largest grassroots initiatives in rural Madhya Pradesh. The organisation has helped hundreds of women.
2. Looms of Ladakh, a cooperative in Ladakh, is a fine example of the entrepreneurial zeal and persistence of over 450 women from 16 villages to showcase their pashmina to the world.
3. Blind since birth, Noorunnissa and Ayesha Banu are using the power of touch to help in the early screening of breast cancer. The young women are medical tactile examiners trained by EnAble India, as part of Discovering Hands.

Upcoming IPOs in India in 2024



New-age tech startups like Go Digit, TBO Tek, Awfis, Ola Electric, FirstCry, ixigo, and Unicommerce have listed on the stock exchanges so far in 2024

A number of other startups like foodtech major Swiggy, Ecom Express and Zappfresh are also eyeing a market debut in the coming months

With a number of startups expected to go public this year as well as next, Inc42's IPO tracker aims to keep you updated with the latest happenings related to market debut plans of startups



Blood Donation Camp



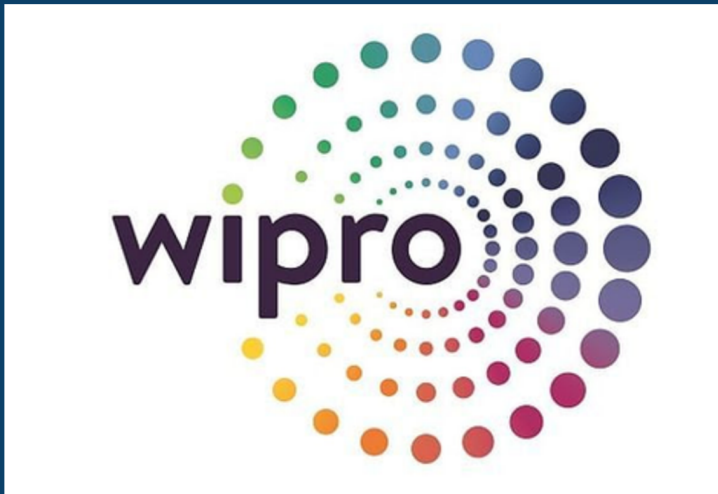
Real-money gaming firms' tax problemThe revised tax slabs—which came into effect on October 1—saw ripple effects across most real-money gaming (RMG) firms, with both big and small players, such as Mobile Premier League, Hike Rushing Gaming, and Spartan Poker, resorting to layoffs.

Despite dealing with the heat of the new tax regime, real-money gaming companies are optimistic about their fortunes in 2024 and hope to find ways to absorb the impact of GST this year.

Game on:

- 1.As per the amendments to the Integrated GST Act, offshore online gaming platforms must register with the Indian government and pay 28% tax in accordance with the domestic law.
- 2.The government—in a bid to tackle unregulated offshore entities—has made it clear that separate rules related to this will be issued.
- 3.While gaming companies welcome the government's move, they say that, for India to be recognised as an ideal destination for international players, the current legislation might have to be amended.

WIPRO'S QUARTERLY PROFITS FALL YET AGAIN

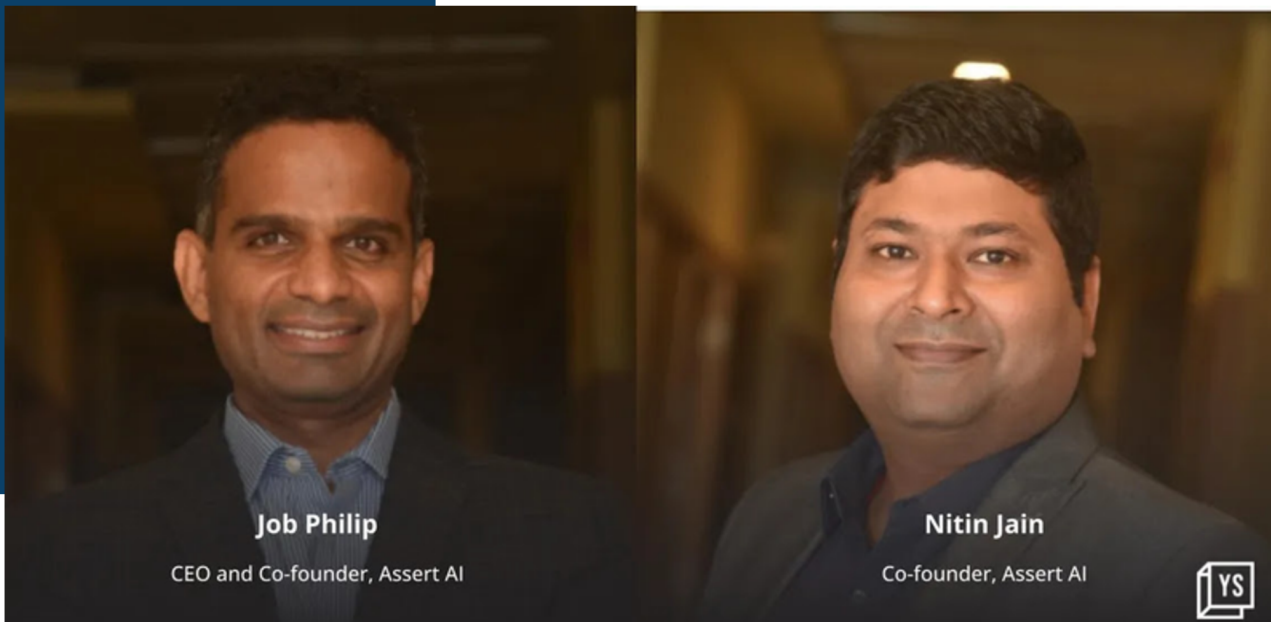


Bangalore-based Wipro (NYSE:WIT) has delivered some impressive top-line growth numbers following a change in guard at the top, but growth is beginning to slow, and with a global economic slowdown on the horizon, I see limited upside to near-term growth estimates. The recent quarterly result did little to assuage concerns, as organic revenue growth and margins disappointed, raising questions around potential EPS cuts and Wipro's ability to balance growth and profitability ahead. Coupled with pending wage hikes and returning travel costs, along with continued M&A integration risk, I think shares are vulnerable to plenty of downside risks. Furthermore, the valuation remains relatively rich at the current c. 15x P/E (vs. a medium-term EPS CAGR of c. 7%) and c. 2x PEG ratio.

Wipro Ltd, one of the leading Indian IT services companies, saw a 12% decline in net profit on a year-on-year basis for the third quarter of the current fiscal as it continues to face a challenging business environment combined with a churn in its internal top management.

- Wipro got off to a flying start under its new CEO, but the growth and margin outlook is looking less rosy.
- On an organic basis, the top line remains sluggish while cost headwinds continue to weigh on margins.
- With shares remaining at a premium relative to growth, I remain on the sidelines.

The biggest letdown from Wipro's quarterly report was margins for IT services, which fell short of Street expectations at a c. 200bps Q/Q decline. Management attributed the disappointing margin result to acquisition costs from Rizing, increased fresher hiring, and the return of travel costs amid easing lockdowns globally. I would also note the persistently high attrition at 23.3% (vs. 23.8% in FQ4' 22), which likely drove the hiring of approximately 15.5k net employees (+6% Q/Q) during the quarter (including c. 10k freshers).



ICYMI: AI transforming video analytics

Mumbai-based Assert AI offers SaaS solutions infused with AI for comprehensive video analytics across diverse business sectors, enterprises, and corporations. It aims to solve the main issue of bringing on-premise AI (Computer Vision) for businesses on scale.

In simpler words, Assert AI makes “millions of cameras inside the industrial set-ups smart”.

Key takeaways:

1. Assert AI can generate immediate real-time alerts for various deviations, including intrusion detection, fire or smoke detection, violations related to personal protective equipment (PPE), theft incidents, and irregularities in material handling.
2. Besides manufacturing and supply chain processes, its solutions can also be used in retail, healthcare, and traffic management.
3. Last November, the startup raised \$2 million from Prashant Purker, former managing director and chief executive of ICICI Venture and agritech startup Arya.ag.

VOTE OF THANKS

Our Principal Ma'am, Dr. Sandhya Jadhav, has always been an inspiration to all the students. She makes sure every idea gets a platform and no talent goes unnoticed. We thank her on behalf of the entire department for being an inspiration to all of us.

We would like to thank the head of the Computer Department, Dr. D. R. Ingle, who has provided encouraged us to think out of the box and guided us since the very first day we joined this institute. He has been the backbone of our department and we would like to thank him on behalf of the whole department for his sincere efforts to make sure of all .

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Last, but not the least, a special thanks to our reader. This wouldn't have been possible without your support.
