

India Takes The Lead in AI Education, finds Bosch Tech Compass Survey 2025

With over 50% of Indians actively self-educating in AI-related skills, the nation is a frontrunner in AI readiness

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- ▶ 57% Indians receive employer-provided AI training, surpassing Germany, and other European nations
- ▶ Strong demand for government and educational institutions to spearhead AI education initiatives
- ▶ 86% respondents emphasized the need for binding codes of conduct to guide ethical AI usage in corporations

Bengaluru, India – In a world increasingly shaped by artificial intelligence, the demand for AI skills has never been greater. With 89% of respondents stressing on the importance of AI in everyday life in future, India is primed for this transformation. Bosch’s fourth annual Tech Compass Survey reveals the nation’s growing readiness to lead with AI in ways we work, learn, and live, as industries globally adapt to its rapid evolution.

With 4 out of 5 global respondents planning to educate themselves in the field of AI, the report reveals growing optimism amongst Indians, 59% of whom are already self-studying such skills or undertaking basic AI courses. These efforts are further bolstered by AI trainings by Indian employers, placing us ahead of European countries and even the US.

“Artificial intelligence is transforming the way we work. This year’s report emphasizes on the accelerating need for AI skills at workplace and how we can harness it for greater productivity and success. At Bosch, we recognize the opportunities AI offers and are integrating it responsibly, thereby staying committed to fostering AI literacy and deployment.” said Guruprasad Mudlapur, President of the Bosch Group in India and Managing Director, Bosch Limited.

AI in Education

Almost two thirds of the respondents (63%) across the world strongly agreed on AI becoming a standalone subject in schools. This finds further resonance in India where schools and universities are already believed to be equipping youngsters with the required AI skills. With 60% of Indians expecting government to endorse and spearhead such education, the report underlines our broader ambition to cultivate a tech-savvy generation prepared for a future shaped by AI.

For the greater good

84% of Indians feel that technological progress shall make this world a better place, with 63% believing AI to be the most influential technology in the next decade. Similar to the last edition, Indian respondents continue to repose faith in the transformative potential of technology to specifically address environmental challenges, underscoring the nation's commitment towards sustainable development.

Concerns & Challenges

While India's optimism towards AI adoption remains high, the survey also highlights key concerns, including job displacements especially in manual and cognitive roles coupled with plagiarism risks, and the potential for increased social inequality. 86% respondents also emphasized the need for binding codes of conduct to guide ethical AI usage in corporations.

What if:

From 68% Indians believing that AI can be a Nobel Prize winner to 76% feeling that AI-controlled humanoid robots can break world records in the Olympics and 72% thinking that AI can solve political conflicts in the future, the report also reflects India's unique responses to integrate AI in the most weird and unexpected ways.

Conducted across Brazil, China, France, Germany, India, the United Kingdom, and the United States, the Bosch Tech Compass survey aims to explore global perspectives on emerging technologies, encompassing people's attitudes, beliefs, expectations, concerns, and more.

About The Tech Compass Survey:

For this study people aged 18 and over were surveyed online in seven countries (DE, FR, UK, USA, BRA, China, India) in October 2024 by the Gesellschaft für Innovative Marktforschung mbH (GIM) on behalf of Robert Bosch GmbH. In Germany, France, and the UK, 1000 people were surveyed, in China, USA, Brazil and India, 2000 people were surveyed. The samples are representative for

the respective country in terms of region, gender and age (DE, FR, UK, USA, BRA: 18-69 years / China, India: 18-59 years).

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About Bosch in India

In India, Bosch is a leading supplier of technology and services in the areas of Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. Additionally, Bosch has in India the largest development center outside Germany, for end-to-end engineering and technology solutions. The Bosch Group operates in India through twelve companies: Bosch Limited – the flagship company of the Bosch Group in India – Bosch Chassis Systems India Private Limited, Bosch Rexroth (India) Private Limited, Bosch Global Software Technologies, Bosch Automotive Electronics India Private Limited, BSH Home Appliances Private Limited, ETAS Automotive India Private Limited, Robert Bosch Automotive Steering Private Limited, Bosch Mobility Platform and Solutions India Private Limited, Newtech Filter India Private Limited, Precision Seals Manufacturing Ltd and Miviv Engg. Technologies Private Limited. In India, Bosch set-up its manufacturing operation in 1951, which has grown over the years to include 17 manufacturing sites, and seven development and application centers. The Bosch Group in India employs over 39,769 associates and generated consolidated sales of about Rs. 37,912 crores (4.2 billion euros) in fiscal year 2023-24 of which Rs. 34,816 crores (3.8 billion euros) are from consolidated sales to third parties. Bosch Limited is the flagship company of the Bosch Group. It earned revenue of over Rs. 16,727 crores (1.86 billion euros) in fiscal year 2023-24.

Additional information can be accessed at www.bosch.in

The Bosch Group is a leading global supplier of technology and services. It employs roughly 429,000 associates worldwide (as of December 31, 2023). The company generated sales of 91.6 billion euros in 2023. Its operations are divided into four business sectors: Mobility, Industrial Technology, Consumer Goods, and Energy and Building Technology. With its business activities, the company aims to use technology to help shape universal trends such as automation, electrification, digitalization, connectivity, and an orientation to sustainability. In this context, Bosch's broad diversification across regions and industries strengthens its innovativeness and robustness. Bosch uses its proven expertise in sensor technology, software, and services to offer customers cross-domain solutions from a single source. It also applies its expertise in connectivity and artificial intelligence in order to develop and manufacture user-friendly, sustainable products. With technology that is "Invented for life," Bosch wants to help improve quality of life and conserve natural resources. The Bosch Group comprises Robert Bosch GmbH and its roughly 470 subsidiary and regional companies in over 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. Bosch's innovative strength is key to the company's further development. At 136 locations across the globe, Bosch employs some 90,000 associates in research and development, of which nearly 48,000 are software engineers.

The company was set up in Stuttgart in 1886 by Robert Bosch (1861–1942) as "Workshop for Precision Mechanics and Electrical Engineering." The special ownership structure of Robert Bosch GmbH guarantees the entrepreneurial freedom of the Bosch Group, making it possible for the company to plan over the long term and to undertake significant upfront investments in the safeguarding of its future. Ninety-four percent of the share capital of Robert Bosch GmbH is held by Robert Bosch Stiftung GmbH, a charitable foundation. The remaining shares are held by Robert Bosch GmbH and by a corporation owned by the Bosch family. The majority of voting rights are held by Robert Bosch Industrietreuhand KG. It is entrusted with the task of safeguarding the company's long-term existence and in particular its financial independence – in line with the mission handed down in the will of the company's founder, Robert Bosch.

Additional information is available online at www.bosch.com, www.iot.bosch.com, www.bosch-press.com.