Editors Script

About ten years ago, I was also appointed to the editorial board. At the time, I was surprised by the variety of product, technology, and production engineering categories covered by the Technical Review articles. Today, the scope has expanded even further. Each article tells its own unique story. Considering how they have been condensed into two- to three-page articles, I am reminded of their value.

(YOSHIMURA)

In recent years, advances in simulation technologies and machine learning have significantly reduced the number of trial-and-error iterations, accelerating the pace of research and development. Conversely, I have gained a deep understanding of the essence of phenomena by repeating experiments. Young engineers should cultivate an attitude of carefully observing phenomena before them and exploring their mechanisms, even in increasingly efficient environments. Maintaining this attitude, I intend to continue deepening our technological expertise.

(OGURA)

I had the opportunity to speak with a representative from an OEM about the ongoing shift toward electric vehicles (EVs). He explained that automotive production capacity is limited, which means manufacturers must reduce production of profitable ICE vehicles and increase production of less profitable EVs. From their perspective, this creates a double burden, as expanding EV production comes at the expense of profitable ICE vehicle production while generating lower returns. Although they would rather not accelerate EV production, they recognize that the transition toward electrification is inevitable. To keep pace with this industry trend, KYB has also been actively promoting electrification. I believe we should do a better job of communicating our capabilities and achievements to a broader audience.

(WATANABE)

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