



Mercedes-Benz

Press Information

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## Mercedes-Benz Research and Development India and IIT Delhi collaborate for joint research

**Five-year collaboration to focus on quantum technologies, future materials, neuromorphic engineering and electric mobility**

**Bengaluru, 5 March 2026:** Mercedes-Benz Research and Development India (MBRDI) and Indian Institute of Technology Delhi (IIT Delhi) today announced they are working together on joint research programmes, creating shared pathways for knowledge development. The organisations have formalised this through a five-year Master Research Agreement (MRA), strengthening efforts to bring academia and industry closer through joint research.

The association will focus on research areas that support the future of mobility and engineering systems. These include quantum technologies, future materials, neuromorphic engineering and electric mobility, where fundamental research and applied engineering intersect to create opportunities for knowledge development and intellectual property creation. The identified themes create a clear direction for collaborative research, combining academic depth with real-world engineering needs.

**Manu Saale, Managing Director and CEO, Mercedes-Benz Research and Development India** said, “This year marks 140 years since the invention of the automobile, a chapter that reflects the beginning of Mercedes-Benz’s journey in shaping mobility. MBRDI is also celebrating a milestone as we mark 30 years of engineering excellence in India. We envision a future where academia and industry are systemically partnering to realise real-world challenges and provide meaningful breakthroughs. In that context, our collaboration with IIT Delhi is a significant leap for our legacy of innovation, helping us redefine mobility faster and better. Together, we aim to shape solutions that make a difference today and in the years ahead.”

**Prof. Preeti Ranjan Panda, Dean of Corporate Relations at Indian Institute of Technology Delhi** said, “We are pleased to partner with MBRDI in this collaboration, which builds upon IIT Delhi’s commitment to enable knowledge exchange and co-creation with industry partners. Through this initiative, the Institute seeks to advance high-quality research and generate impactful innovations that enable sustainable, affordable, and future-ready mobility. Our objective is to develop solutions that address India’s mobility challenges while establishing new benchmarks for global impact.”

As part of the initial phase of this collaboration, a research project in the areas of quantum sensors and battery systems is being launched under the leadership of IIT Delhi’s Prof. Nirat Ray (Department of Materials Science and Engineering), with Prof. Saurabh Saxena (Centre for Automotive Research and Tribology), jointly steering the research efforts. The initiative will bring together interdisciplinary

researchers from IIT Delhi and engineering teams at MBRDI to accelerate innovation through joint research, prototype development, and real-world validation, with the goal of creating scalable, high-impact technology solutions.

#### **About Mercedes-Benz Research and Development India**

Mercedes-Benz Research and Development India (MBRDI) is the largest research and development centre for Mercedes-Benz Group AG outside of Germany. Established in 1996, MBRDI plays a prominent role in the development of technologies like connected, autonomous, and electric in the world of mobility. With offices in Bengaluru and Pune, MBRDI currently employs over 8,500 professionals engaged in digital product development, interior component design, IT engineering and services.

#### **About IIT Delhi**

IIT Delhi is one of the 23 IITs created to be National Centres of Excellence for training, research, and development in science, engineering, and technology in India. Since its inception in 1961, IIT Delhi has produced more than 65,000 graduates, including over 7,000 PhD holders, many of whom have made significant contributions in fields such as technology, business, administrative services, and politics.

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#### **Mercedes-Benz Anniversary Year “140 Years of Innovation”**

Since Carl Benz filed the patent for the first automobile 140 years ago and Gottlieb Daimler built his motorised carriage shortly afterwards, Mercedes-Benz has dedicated itself to constantly innovate and to create the world’s most desirable cars for customers. This ambition has driven every innovation – from the world’s first automobile in 1886 to today’s intelligent and safe electric vehicles, like the all-new GLC and the award-winning all-new CLA. With the new S-Class, the company continues the biggest product launch programme in its history. With its passion for performance and pioneering power, excellence and an unwavering commitment to customer service, the brand has consistently shaped the future of mobility. The result goes well beyond engineering achievement – it creates the unmistakable feeling that leads through everything Mercedes-Benz does: Welcome home.

Mercedes-Benz is celebrating 140 years of innovation by driving three new S-Class saloons on a transcontinental journey to 140 locations worldwide. Each place highlights the brand’s technology, heritage, pioneering spirit and worldwide presence. Along the way, customers, fans and colleagues will get to join in the celebrations - on an epic adventure that will run until October. Follow the “[140 Years, 140 Places](#)” [drive across six continents on our “140 years of innovation | Mercedes-Benz Media](#)” special and via the [Mercedes-Benz Community](#).

Further information about **Mercedes-Benz Research and Development India** is available at [www.mbrdi.co.in](http://www.mbrdi.co.in) and on our **LinkedIn** channel under [Mercedes-Benz Research and Development India | LinkedIn](#).