DAIMLER – BARC partnership to translate academic know-how to solve problems of commercial vehicles industry

Background:

A striking proposal from Bhabha Atomic Research Center's Dr. Vivek Sanadhya, head of Servo Design impressed Daimler India, manufacturers of commercial vehicles in India, so much so that both teams decided to take it ahead. Together, they are now working on a detailed design to build a proof-of-concept for assessing functionality of the proposed design. Let's know more about how the relationship came into being.

Daimler's challenge:

The Office of PSA sent out a request for innovative proposals from universities for an external rotary braking device that can be coupled to the gear train of an internal combustion engine. The primary objective of this challenge was to nurture technical know-how in academia to translate into what are real-world problems in the commercial vehicles industry.

About the marriage of ideas and skills:

"When it comes to technology, we can't always do it alone. To finalize concepts and then do a detailed designing needs a lot of expertise. It is time-consuming and that is where the collaborations step in. [Few] months ago, we were looking at developing an auxiliary breaking device that would be simpler, more cost-effective and even more efficient", says Mr. Satyakam Arya, MD & CEO, Daimler India Commercial Vehicles. He added that this concept will bring a solution to improve road safety.

Mr. Satyakam Arya, Managing Director and CEO, Daimler India Commercial Vehicles (DICV) thanked the assistance received from Office of PSA:
https://www.youtube.com/watch?v=Yrp8Dysohsk&t=2s