



# Industry Connect

Bi-monthly Newsletter of Corporate Relations - IIT Delhi



**HONDA**

## MoU with Honda Cars India Limited

Honda Cars India Limited (HCIL) has entered into a Memorandum of Understanding (MoU) with IIT Delhi to further advance Honda CI (Cooperative Intelligence), which is an AI that enables mutual understanding between machines and people through cooperative action and communication using environment, scene and intention understanding. Honda and IIT Delhi have set joint research themes such as recognition of the surrounding environment and cultivation of cooperative behavior, and will conduct joint research and development while utilizing cutting-edge AI technologies.



**CRIS**

## IIT Delhi and CRIS Forge Alliance to Revolutionize Indian Railways Through Pioneering Research

The Corporate Relations Office at IIT Delhi has formalized a strategic partnership with the Centre for Railway Information Systems (CRIS) through an MoU aimed at propelling advancements in railway infrastructure, safety, and operational excellence. This collaboration will harness the expertise of IIT Delhi researchers to address critical areas, including security, safety, scheduling efficiency, intermodal connectivity, and revenue optimization within Indian Railways.

This alliance reflects IIT Delhi's commitment to national progress, fostering a research-driven approach that bridges academia and industry. Together, IIT Delhi and CRIS aim to set new benchmarks for sustainable growth and innovation in India's transportation sector, advancing Indian Railways into a more efficient and technologically advanced future.



## TOSHIBA

### Toshiba Software India Pvt. Ltd. renews Partnership in Battery Technology

Toshiba Software India Pvt. Ltd. has renewed its partnership with IIT Delhi through the signing of new MoUs, marking a significant step forward in our collective pursuit of sustainable innovation. Toshiba Software India, a leader in providing software solutions to support Toshiba Group's global businesses, is committed to leveraging advanced technology to address real-world challenges.

These initiatives will focus on developing advanced cooling techniques for prismatic lithium-ion batteries, with the goal of improving both battery efficiency and thermal management. By enhancing energy storage capabilities, these projects aim to drive breakthroughs in next-generation battery technology. Supported under Toshiba's Corporate Social Responsibility (CSR) vision, they reflect the company's dedication to creating long-term, impactful solutions for global energy needs.

This collaboration underscores the essential role of industry-academia partnerships in tackling today's energy challenges. We are excited to see the positive impact these projects will bring to sustainable technology, setting a new standard for collaborative research and innovation.

## SYSTRA

### IIT Delhi and Systra join hands to promote Sustainable Development Goals

IIT Delhi and Systra Group, a leading global engineering and consulting firm specializing in public transport and mobility solutions, have signed a Memorandum of Understanding to advance research initiatives that promote sustainable development goals. Through this MoU, IIT Delhi Project Investigators and Systra Group will collaborate to explore technological advancements in Advanced Storage Technology for Off-Grid Solutions. This initiative is led by Prof. B K Panigrahi from the Department of Electrical Engineering and Dr. Rabindra Mohanty from the Department of Energy Science and Engineering in IIT Delhi.



### Scholarship by NK Securities Research Limited

IIT Delhi Corporate Relations is pleased to announce that NK Securities Research Private Limited has reaffirmed its commitment to supporting future leaders through its Corporate Social Responsibility (CSR) funding. This contribution is dedicated to providing scholarships for deserving students at IIT Delhi. This marks the second year of their support, reinforcing their mission to empower students from economically disadvantaged backgrounds and ensure that financial constraints do not hinder their academic pursuits.

Founded by IIT Delhi alumni Mr. Sudhanshu Narang and Mr. Faraz Khan, NK Securities Research is a leading high-frequency algorithmic trading firm. Their continued support exemplifies their dedication to giving back to the institution that has shaped their careers.

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