



Industry Connect

Bi-monthly Newsletter of Corporate Relations – IIT Delhi

Antara Senior Care inks Agreement with IIT Delhi to develop innovative mobility aids solutions for the elderly

Antara, a comprehensive service provider for senior lifestyle and lifecare solutions and a member of the \$4 billion Max Group, entered into a Memorandum of Understanding (MoU) with the Indian Institute of Technology Delhi (IIT Delhi) to develop mobility aid products for the elderly. To achieve this objective, Antara has teamed up with Prof. Sabyasachi Paldas and Prof. Gourab Kar, Department of Design IIT Delhi to focus on research and the development of new products including the design of walking aid for seniors. The initiative will cover a variety of projects, including the creation of physical mobility aids and cognitive development games to help delay the onset of dementia.



CSR partnership with Citadel Securities

Citadel Securities, a global leader in market making, established a CSR partnership with the Indian Institute of Technology Delhi to propel advancements in Machine Intelligence research. Through this collaboration, the DSIRE lab will gain enhanced computing resources, enabling its researchers to create more sophisticated models that provide highly accurate predictions in Machine Intelligence. This joint effort is aimed to expand the lab's capabilities, creating a vibrant setting for collaboration between academia and industry, and promoting innovation at the intersection of finance and technology. The lab's research activities are co-directed by Prof. Sayan Ranu along with Profs. Srikanta Bedathur, Maya Ramanath, Amitabha Bagchi, and Kaustubh Beedkar, all from the Department of Computer Science and Engineering.



Israel Aerospace Industries inks CSR Pact with IIT Delhi

A global leader in defense and commercial aerospace, Israel Aerospace Industries (IAI) has signed its first ever CSR agreement with the prestigious Indian Institute of Technology Delhi (IIT Delhi) to collaborate on applied research. In the spirit of India's self-reliance, the IAI-IIT CSR agreement demonstrates IAI's commitment to its corporate social responsibility in India. The cooperation includes collaborative projects, training, and research consultancy. This alliance between IAI and IIT Delhi demonstrates a shared vision leveraging cutting-edge research to drive progress and technological excellence, shaping together the future of technology in India.



IAI's President and CEO, Boaz Levy commented on the collaboration and said, "We are proud to come together with IIT Delhi, which is renowned for its engineering and technology programs. This CSR agreement represents IAI's commitment to further invest in technology & innovation in India. We look forward to many more years of fruitful collaboration on applied research and view our pioneering cooperation with IIT as a natural step in our shared vision to promote innovation and technology for both countries."

Prof. Preeti Ranjan Panda, Dean Corporate Relations, IIT Delhi, commented, "We are excited about this partnership with Israel Aerospace Industries, a global leader in aerospace. This collaboration aligns with IIT Delhi's commitment to cutting-edge research and technological advancements. Together with IAI, we aim to contribute significantly to the future of technology in India."



Visit by LG Electronics

The LG Electronics Korea team led by Mr. Simon Chin, Senior Vice President, Air Solution R&D Lab visited the IIT Delhi. Their visit was centred around exploring our latest research in the fields of HVAC and Electronics. Our research fraternity had the opportunity to share cutting-edge advancements, highlighting innovations in energy efficiency, smart systems, and sustainable technologies. We also engaged in meaningful discussions about potential collaborations that could drive the future of these industries.



Tata IMG joined hands with IIT Delhi to develop supply chain framework

Tata Img, India's leading digital healthcare platform partnered with IIT Delhi to design a model framework for supply chain optimisation. The project will be headed by Prof. Sayan Ranu from Department of Computer Science and Engineering.

Joint Research collaboration with Volvo Group India

Corporate Relations is thrilled to share the collaboration with Volvo Group India for a groundbreaking project focused on improving battery performance and lifespan in Li-ion batteries. The project aims to understand and address challenges related to battery capacity retention, particularly focusing on extending battery life and reducing costs. By working together, the team will develop strategies and algorithms to accurately assess battery health and optimize their use for second-life applications. This collaboration brings together expertise from different sectors to drive innovation in battery technology and promote sustainability in automotive applications.

Visit by Chubu Industrial Engineering Association

The recent visit of the Chubu Industrial Engineering Association to IIT Delhi marked a significant milestone in fostering collaboration between Indian and Japanese industries. The event, seamlessly orchestrated by the diligent efforts of Corporate Relations IIT Delhi, in collaboration with Prof. Eri Ikeda from the Department of Management Studies, exemplified the spirit of cross-cultural exchange and partnership. The delegation led by Mr. Motoshi Nakamura, Executive Vice President of Aichi Steel Corporation, consisted of representatives from various esteemed Japanese companies. The meeting, chaired by Mr. Nakamura and Prof. Preeti Ranjan Panda, Dean Corporate Relations at IIT Delhi, served as a platform for fruitful discussions on potential partnerships and knowledge exchange initiatives.

During the event, faculty members and students of IIT Delhi had the privilege of attending two insightful talks. Mr. Kazutaka Hirabayashi, Manager at Toyota Industries Corporation Engine Division, shared valuable insights into the intricacies of Japanese manufacturing, providing attendees with a comprehensive understanding of industry best practices. Additionally, Prof. Lakshmi Narayan Ramasubramanian from the Department of Material Science and Engineering delivered a captivating talk on student entrepreneurship development at IIT Delhi, shedding light on the Institute's endeavours to foster entrepreneurial spirit and innovation among its student community. Overall, the event served as a catalyst for strengthening ties between academia and industry, paving the way for collaborative ventures and knowledge sharing opportunities in the future.



CSR support by Novus Hi-Tech Robotic Systemz

Novus HiTech Robotics donated AMR robot to Biologically Inspired Robots and Drones, a Center of Excellence at IIT Delhi. Their support embodies the spirit of innovation and collaboration that defines our institution. This will also empower our students to explore new frontiers in technology and research.



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