

## TACC and CGT Unite to Drive Graphene Revolution

**TACC Limited**, a wholly owned subsidiary of HEG Limited and part of the LNJ Bhilwara Group, has signed a Technical Collaboration Agreement with Ceylon Graphene Technologies (CGT), a subsidiary of LOLC Holdings PLC and a global pioneer in graphene technologies, to jointly accelerate the commercialization and large-scale adoption of graphene and its derivatives.

Under this collaboration, CGT will bring its decade long expertise in graphene, technology scale-up, and application development to support TACC in **building state-of-the-art graphene production capabilities**. In turn, TACC will leverage its deep-rooted understanding of graphite technology and carbon science, alongside proprietary process for graphene synthesis and expertise in application-based derivatives, to accelerate innovation and deliver cutting-edge material solutions.

The partnership also unites two strong legacies, and diverse business conglomerates the **LNJ Bhilwara Group** and the **LOLC Group** paving way for a secured foundation and a well guided path towards innovation and growth.

TACC's ongoing collaborations across sectors already provide clear demonstrations of this promise. In construction, TACC is working with the **National Council for Cement and Building Materials (NCB)** and the **Central Road Research Institute (CRRI)** on graphene-based concrete solutions. In textiles, TACC has partnered with **Birla Cellulose (a division of Grasim Industries)** and **RSWM Limited** to advance the use of graphene in fabric innovation. These initiatives serve as strong citations of TACC's commitment to powering the future with graphene.

**Mr. Ankur Khaitan, MD & CEO, TACC Limited**, said "We are thrilled to join hands with Ceylon Graphene Technologies to accelerate the commercialization and adoption of graphene in India and beyond. Graphene has long been recognized for its tremendous potential, yet its commercialization has often been hindered by multiple challenges. At TACC, we have not only advanced the technology but also unlocked the economic viability of its applications across industries. By collaborating with CGT, with their decade-long expertise in scaled graphene production, we are poised to bring graphene into large-scale industrial use. Together, we aim to shape a sustainable, innovation-driven future where graphene stands as a cornerstone material for next-generation solutions."

**Dr. Manju Gunawardana, CEO, CGT**, said, "CGT and TACC share a common vision of translating advanced materials research into real-world solutions. By leveraging our complementary strengths, we aim to make graphene technologies scalable, commercially viable, and truly transformative across multiple industries worldwide."

By combining their complementary expertise, TACC and CGT aim to unlock the true potential of graphene, a material hailed as revolutionary for its versatility and performance. The collaboration is expected to drive transformative advancements across multiple sectors, including construction, textiles, coatings, rubber, energy storage and beyond, positioning India at the forefront of next-generation material science.

Under this agreement, TACC and CGT will together:

- Collaborate on engineering design, production scale-up, commissioning, and product validation.
- Undertake feasibility studies and risk mitigation planning with emphasis on commercial viability and environmental compliance.
- Accelerate product trials, validation, and commercialization of graphene-based technologies through shared technical expertise and data.

### About TACC

TACC Limited, an innovation-driven venture of the LNJ Bhilwara Group, is a key player in the advanced materials sector, with a strong focus on synthetic graphite and next-generation carbon materials. The company has been at the forefront of pioneering graphene synthesis and developing diverse applications across construction, textiles, coatings, energy storage, and mobility solutions. With its emphasis on sustainability and green technologies, TACC is building platforms that integrate science, engineering, and industry needs to deliver commercially viable material innovations.

The LNJ Bhilwara Group, founded in 1961, is one of India's most respected business conglomerates with interests spanning textiles, graphite electrodes, power generation, information technology, and renewable energy. With a legacy of over six decades, the Group operates globally with manufacturing excellence, research-driven innovation, and a strong commitment to sustainability.

<https://www.tacclimited.com/>

### About CGT

Ceylon Graphene Technologies (CGT), a LOLC Group company based in Sri Lanka, is a global expert in graphene production. Leveraging Sri Lanka's premium vein graphite, renowned worldwide for its unmatched purity, and backed by over a decade of expertise in material science, scale-up, and commercialization, CGT is at the forefront of delivering innovative and high-quality graphene products for industrial and consumer applications.

As part of the LOLC Group, one of Sri Lanka's largest diversified conglomerates with businesses spanning financial services, leisure, agriculture, renewable energy, manufacturing, and technology, CGT benefits from a strong foundation of innovation and scale. The LOLC Group has a global footprint in more than 27 countries across Asia, Africa, and beyond, and is recognized for its ability to successfully build and scale businesses internationally. <https://ceylongraphene.com/>

This partnership not only reinforces TACC's vision of creating a globally competitive platform for advanced materials under the **Atmanirbhar Bharat** and **Make in India** initiatives, but also underscores the growing importance of **international cooperation in accelerating innovation**. **Together, TACC and CGT are setting the stage for a material science revolution with graphene at its core.**