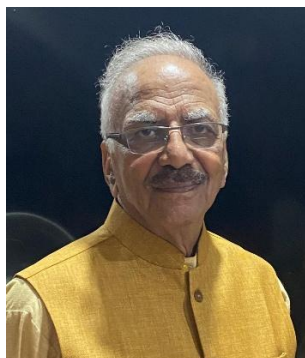


## **A call to ICC-Industry Members for Closer Partnership**

### **By Dr. R G Sharma**



**President ICC**

**Dear ICC Industry Partners,**

At the outset, on behalf of the entire ICC fraternity, I extend my heartfelt gratitude for your unwavering support to the Indian Cryogenics Council over the past five decades. The remarkable success of the Golden Jubilee Conference held in November 2025 at VECC, Kolkata, stands as a testament to the commitment and partnership of our industrial members.

Your enthusiastic participation and generous sponsorship of ICC's biennial national conferences have strengthened the Council year after year. These interactions have created a valuable platform where experienced experts in cryogenics and superconductivity engage with young scientists, engineers, and industry professionals. Over the past few years, this engagement has gradually evolved into collaborative efforts between industry and research institutions, albeit on a limited scale. Nevertheless, these developments are encouraging and demonstrate the immense potential of stronger partnerships.

However, we should not remain content with our current achievements. The technological landscape is evolving rapidly, and we must evolve with it. It is time to build closer and more purposeful relationships between industry and ICC-affiliated research institutions through the joint development of indigenous technologies and products.

There are several ways in which such collaborations can be fostered. One effective approach would be for an industry partner to sponsor or depute a Research Fellow to work with a research group in a national laboratory, university, or R&D institution on a problem of direct relevance to the industry. Upon completion of the project, the Fellow can return to the parent organization with valuable expertise and insights that can be translated into a product, processes, or technological solution. Such collaborations can be facilitated through formal Memoranda of Understanding (MoUs) between the industry and the host institution. ICC would be pleased to assist in identifying appropriate centres of excellence and experts in the relevant field.

Another impactful mechanism would be for industry to establish an endowed research "**Chair**" in an institution and appoint a distinguished expert for a defined period to lead research on a strategically important topic. Such focused efforts can accelerate innovation and facilitate the development of technologies and products of national and commercial significance.

As India advances towards technological self-reliance and global competitiveness, stronger industry–research partnerships in cryogenics and superconductivity will be essential. I therefore urge our industrial partners to move beyond conventional modes of periodic interaction and actively engage with the rich scientific and technological expertise available within the ICC community. Let us draw inspiration from successful models adopted in technologically advanced nations and work together to transform knowledge into innovation, and innovation into productivity. The Indian Cryogenics Council stands ready to support and facilitate such initiatives in every possible way.

I wish you success in strengthening the linkage between Indian industry and the cryogenics and superconductivity research community. Such collaborations can play an important role in advancing indigenous technologies and realizing the vision of “Self Reliance” in these strategic fields.

With warm regards,

**Dr. R G Sharma**  
**President**  
**Indian Cryogenics Council (ICC)**  
Email ID: rgsharmaicc@gmail.com