

DRDO transfers three advanced materials technologies to the industry

Posted On: 04 SEP 2025 12:44PM by PIB Delhi

DRDO's Defence Metallurgical Research Laboratory (DMRL) in Hyderabad has transferred three advanced materials technologies to the industry partners. Secretary, Department of Defence R&D and Chairman DRDO Dr Samir V Kamat handed over the Licensing Agreement for Transfer of Technology (LAToT) documents to the industry partners at an event organised at DMRL, Hyderabad on August 30, 2025. The technologies transferred are:

- Manufacturing of high strength Radomes to BHEL, Jagdishpur for enabling production of high-quality Radomes (protective covers for crucial missile sensors) to support key defence programs and enhance self-reliance in missile systems.
- Manufacturing of DMR-1700 Steel Sheets and Plates for Defence Applications to JSPL, Angul offering an excellent combination of ultrahigh strength and high fracture toughness at room temperature.
- DMR 249A HSLA Steel Plates for Naval Applications to BSP, Bhilai, SAIL, offering a robust and reliable material, meeting the stringent dimensional, physical and metallurgical requirements for the construction of naval vessels.

In his address, the DRDO Chairman commended the efforts that fuelled the R&D processes and successful technology transfers. He appreciated DMRL's commitment to foster industry-research partnerships and advancing technological innovations that will have a substantial impact going forward.

This Transfer of Technology marks a significant advancement in indigenous materials technology for strategic applications. The technologies span diverse applications, demonstrating DMRL's multidisciplinary expertise and its ability to meet critical industry needs. Partnering with established industrial players will ensure that these innovations are rapidly scaled and deployed for commercial and strategic use

Further strengthening DRDO's collaborative ecosystem, an MoU was also signed between DMRL and Aircraft Accident Investigation Bureau of the Ministry of Civil Aviation for utilising the lab's experience, facilities & capabilities to support the bureau's activities. The event was attended by Director General (Naval Systems & Materials) Dr RV Hara Prasad, Director General (Resource and Management) Dr Manu Korulla and Director, DMRL Dr R Balamuralikrishnan.

SR/Savvy

(Release ID: 2163621)