

Goa Shipyard, BITS join hands to use AI in shipbuilding

TIMES NEWS NETWORK

Panaji: In line with the ministry of defence's thrust towards adoption of artificial intelligence (AI) into military systems and processes, Goa Shipyard Limited (GSL) and BITS Pilani – Goa have joined hands to use AI technologies in warship construction and for military equipment.

The BITS Goa Innovation, Incubation & Entrepreneurship Society (BGIIES) and GSL will jointly work on the development and implementation of cutting-edge AI through a Memorandum of Understanding (MoU), which was signed on Wednesday.

In a brief statement, GSL described the MoU as a "strategic partnership" which would bring together the "research expertise of BITS Goa" and GSL's "extensive experience" in shipbuilding and defence.

"By leveraging AI-driven solutions, we aim to enhance operational efficiency, optimise ship design processes, and



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strengthen defence capabilities," said a GSL senior official.

Under the MoU, both entities will collaborate closely on research and development projects to harness AI's full potential in shipbuilding and defence applications over the period of next one year. The shared expertise and resources will facilitate the creation of advanced AI algorithms, predictive maintenance models, autonomous systems, and more.

Earlier in February, GSL and Bharat Electronics Ltd (BEL) inked a similar strategic partnership to develop autonomous vessels or unmanned boats using AI.