

Project: Laser Interferometer Gravitational-Wave Observatory (LIGO)

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LIGO India: Opportunities for the industry

Abstract:

- LIGO-India observatory, developed by the four R&D institutes (DCSEM, IPR, IUCAA, RRCAT) has the following major work elements; civil facilities, vacuum systems, contamination control, instrumentation & controls, laser & optics, data storage and making scientific data available for research. A major task would be to ensure quality control. The presentation would give a glimpse of the opportunities for the industry to actively participate in the development phase of the project.

About the Speaker:

- Amit Kumar Srivastava is a Scientific Officer 'G' at the Institute for Plasma Research, Gandhinagar working on the LIGO-India project. With work experience of around 24 years, his main expertise is in data acquisition & control systems engineering. He has earlier worked for development of hardware and software in the field of electronics & instrumentation for large distributed data acquisition & control systems.

