

FLUIDYN'S CONTRIBUTION IN CHANDRAYAAN-3

Upcoming Events:

October 6th-8th

Ankleshwar, Gujarat

Organised by GNFC Gujarat.

Dinner Event with Chemical & Petrochemical Industries, followed by 2 days of Training/Interaction sessions by Fluidyn.

October 10th-13th

POLLUTEC 2023, LYON

Fluidyn is participating in [Pollutec 2023](#), the largest show on solutions for environment.

November 28th– 30th

WNE—World Nuclear Exhibition, Paris

Fluidyn is participating in [WNE 2023](#), the world's leading Civil Nuclear Exhibition.

Past Events:

August 12th

DRDO Jodhpur

Fluidyn Participated in Prof. D S Kothari Memorial Tech Conclave 2023 at DRDO, Jodhpur and presented a poster paper.

June 27th –28th

ATMOS'FAIR, Paris

Fluidyn was present at the 14th edition of ATMOS'FAIR conference. Fluidyn emphasized on improving air quality in an environment under geopolitical and energy constraints.

Chandrayaan-3's journey to success was a collaborative effort. From the skill-full hands working on-site meticulously crafting and assembling components, to the engineers who fine-tuned every detail, scientists who conceptualized and refined the mission, and the visionary national leaders who recognized the importance of pushing the boundaries of exploration.



We are immensely proud that Fluidyn software tool was trusted by the Launch Pad Safety and cryogenics teams to ensure a smooth mission execution. The ISRO's Cryogenics team used our tool *fluidyn*-MP to address to various kinds of cryogenic flow problems.

Fluidyn did the Risk Assessment of Accidental spillage of Launch Vehicle Fuel for Satish Dhawan Space Centre (SDSC) SHAR one of the R&D wings of ISRO at Sriharikota responsible for providing Launch Base Infrastructure for the Indian Space Program. The safety analysis of various facilities handling highly flammable rocket propellants was carried out by 3D CFD based dispersion tool, *fluidyn*-PANEP as sought by the high profile technical review committee.

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SELECTED FOR CHUNAUTI 5.0 UNDER NGIS(MEITY)

The Indian Ministry of Electronics and Information Technology launched Chunnauti 5.0 challenge, to identify and support promising Startups in Emerging Technologies under NGIS (Next Generation Incubation Scheme). We are thrilled to share that our partner firm Nishkam Technology is selected in this contest. This program would benefit Nishkam in numerous ways.

This is a significant milestone for Nishkam and we couldn't be more proud of Nishkam team's hard work and dedication. We are eagerly looking forward to the onboarding, mentoring and growth that lie ahead.

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CONFERENCES



Fluidyn's team had a meeting and presentation with CSIR—CRRRI (Central Road Research Institute) on 16th and 17th August in Delhi. Fluidyn's team met CRRRI Director, Prof. Manoranjan Parida, members and Research bodies of CSIR to discuss about the Fluidyn's capabilities in CRRRI's future projects on Road Traffic & Pollution Impact.

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PUBLICATIONS

Research article in Process Safety Progress—AIChE journal, June 2023

A study was published by our Chinese client, BIPT – Beijing Institute of Petrochemical Technology on **Influence of the opening pressure of explosion-venting surface on methane deflagration characteristics in municipal sewage confined spaces**. This study was conducted with [Fluidyn MP](#), our 3D Multiphysics simulation software.

