

AI/ML *for* MATERIAL SCIENCES

A HANDS-ON WORKSHOP FOR RESEARCH & INNOVATION



WHAT YOU'LL LEARN



ML BASICS

Supervised learning:
Regression & Classification



NEURAL NETWORKS

Unsupervised learning using
CNN & Graph Neural Networks



MATERIALS MODELLING

Machine learned interatomic
potentials: Construction & Use-cases



ADVANCED AI

Generative models &
Transfer learning



WHO SHOULD ATTEND?



Research students in
Physics, Chemistry, Life Sciences
and related fields



Faculty members from
Universities, Institutes & Colleges

FREE REGISTRATION

LIMITED SEATS !

AT A GLANCE



2 - DAYS WORKSHOP
23 - 24 SEPTEMBER 2026



REGISTER NOW

<https://forms.gle/BHQRaRvCCGaZr6GC8>



VENUE

School of Physical and Applied
Sciences, Block H, Goa University

SPEAKER



**Sai Gautam
Gopalakrishnan**

Indian Institute of Science,
Bangalore

ABOUT THE SPEAKER

- Associate Professor at IISc working on AI-driven computational materials science & materials informatics
- Works on energy materials (batteries, photovoltaics) and predictive modeling
- Recipient of Manohar Parrikar Yuva Scientist award 2025

ORGANISING COMMITTEE

COORDINATOR

Dr. Bholanath Pahari

ORGANISING MEMBERS

Dr. Bhargav Alavani | Dr. Pallavi Gaude
School of Physical and Applied Sciences (SPAS), Goa University

PATRON

Honorable Vice-Chancellor
Goa University

CO- PATRON

Dean
School of Physical and Applied Sciences

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ORGANIZED BY

School of Physical and Applied
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LEARN • CONNECT • INNOVATE

SHAPING THE FUTURE OF MATERIALS WITH AI

