

ASCML 2027

Organized by

The Department of Mathematics

BITS Pilani, Pilani Campus, Rajasthan, India

January 21 – 23, 2027



2nd International Conference on **Advanced Scientific Computing and Machine Learning**

About the conference

ASCML 2027 aims to bring together leading researchers, academicians, scientists, industry experts, and students from across the globe to exchange ideas, present cutting-edge research, and discuss emerging developments in scientific computing, computational mathematics, data science, and artificial intelligence. The conference is designed as an interdisciplinary platform connecting mathematical sciences, computational sciences, and machine learning communities, with emphasis on numerical methods, mathematical modeling, high-performance computing, data-driven scientific discovery, and intelligent systems.

Plenary/Invited Speaker

- Prof. Biswa Nath Datta, North Illinois University, USA
- Prof. Swaroop Nandan Bora, IIT Guwahati, IND
- Prof. Souvik Chakraborty, IIT Delhi, IND
- Prof. Predrag S. Stanimirovic, University of Nis, Serbia
- Dr. Bhupendra Singh, DRDO, Bangalore, IND
- Prof. Ram N Mohapatra, Univ. Of Central Florida, USA
- Prof. S. Sundar, IIT Madras, IND
- Prof. Thirupathi Gudi, IISc Bangalore, IND
- Prof. Sanjib Basu, University of Illinois Chicago, USA
- Prof. Rajen Kumar Sinha, IIT Guwahati, IND
- Prof. Waleed Adel, Nile University, Egypt
- Prof. Tanmoy Chakraborty, IIT Delhi, IND
- Prof. M. Tanveer, IIT Indore, IND
- Prof. Bibhas Adhikari, Fujitsu Research of America, USA
- Prof. Natesan Srinivasan, IIT Guwahati, IND
- Mr. Rohit Kumar, Global Head of AI, HCLTech, IND
- Prof. Jugal Mohapatra, NIT Rourkela, IND
- Prof. Pratibhamoy Das, IIT Patna, IND
- Prof. Tapan Kumar Gandhi, IIT Delhi, IND
- Prof. Faraimunashe Chirove, Univ. of Johannesburg, SA
- Prof. Ambedkar Dukkipati, IISc Bangalore, IND
- Prof. Mani Mehera, IIT Delhi, IND
- Prof. Younis A. Swabi, Koya University, Iraq

Conference Highlights

- ➔Artificial Intelligence and Machine Learning
- ➔Physics-Informed Neural Networks
- ➔Computational PDEs and Numerical Analysis
- ➔Data Science and Big Data Analytics
- ➔Cryptography and Cyber Security
- ➔Fractional Calculus and Applications
- ➔Computational Fluid Dynamics
- ➔Numerical Linear Algebra and Optimization
- ➔Quantum Computing and Information Theory
- ➔High-Performance and GPU Computing
- ➔Bioinformatics and Computational Biology
- ➔Inverse Problems and Uncertainty Quantification
- ➔Parallel and Distributed Computing

Important Dates

Registration opens: 30 September 2026

Abstract submission deadline: 30 November 2026

Full paper submission deadline: 30 November 2026

Abstract acceptance notification: 10 December 2026

Registration closes: 15 December 2026

Registration / Website

[Register Here](#)



Scan the QR code for the ASCML 2027 website
<https://www.bits-pilani.ac.in/ascml2027/>

Conveners

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