Organized by

Department of Mathematics

BITS Pilani, Pilani Campus, Rajasthan, India

ASCML 2027

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. Prem Chhetri, RMIT University, Australia
- 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. Mathews Nkhoma, RMIT University, Australia
- Prof. Pratibhamoy Das, IIT Patna, IND
- Prof. Tapan Kumar Gandhi, IIT Delhi, IND
- Prof. Faraimunashe Chirove, Univ. of Johannesburg, SA
- Prof. Mani Mehra, IIT Delhi, IND
- Prof. Younis A. Sabawi, Koya University, Iraq
- Prof. Maxim Pisarenco, EUT, Netherlands
- Prof. Ankik Kumar Giri, IIT Roorkee, IND

Conference Highlights

- Artificial Intelligence and Machine Learning
- Physics-Informed Neural Networks
- Computational PDEs and Numerical Analysis
- Data Science and Big Data Analytics
- Cryptology 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

Prof. Sudarshan Santra
Dept. of Mathematics, BITS Pilani, Rajasthan, India

Prof. Rajesh Kumar
Dept. of Mathematics, BITS Pilani, Rajasthan, India

E-mail Address: *ascml2027@pilani.bits-pilani.ac.in*