

The Fifth Indian Symposium on Machine Learning (IndoML) Dates: December 21-23, 2024
Venue: BITS Pilani, K. K. Birla Goa Campus

The Fifth Indian Symposium on Machine Learning (IndoML 2024) concluded successfully at the BITS Pilani K. K. Birla Goa Campus from December 21-23, 2024. Organized jointly by Anuradha and Prashanth Palakurthi Centre for Artificial Intelligence Research (APPCAIR), Dept of CSIS, BITS Pilani K. K. Birla Goa Campus and the Directorate of Higher Education, the symposium brought together leading minds in machine learning (ML) and artificial intelligence (AI) for an engaging and collaborative event. The symposium was supported by esteemed sponsors, including DeepMind, APPCAIR, Google, Amazon, Adobe, NielsenIQ, Merlyn Mind, ACM, Accel, and BITS Pilani.

Keynote Speakers

The symposium featured an impressive lineup of speakers,:

- Bhramar Mukherjee (Yale University)
- Ranjay Krishna (University of Washington)
- Arindam Banerjee (University of Illinois Urbana-Champaign)
- Romit Roy Choudhury (University of Illinois Urbana-Champaign)
- Munmun De Chaudhuri (Georgia Institute of Technology)
- Chandrajit Bajaj (UT Austin, Oden Institute)
- Preethi Jyothi (IIT Bombay)
- Milind Tambe (Harvard University)
- Dhanajay Bhaskar (Yale School of Medicine)
- Debobrota Basu (Inria)
- Jalaj Upadhyay (Rutgers University)
- Shubham Tulsiani (Carnegie Mellon University)
- Tushar Khot (Allen Institute)
- Avishek Anand (Delft University of Technology)
- Manish Gupta (Microsoft Research)
- Aishwarya Agrawal (Université de Montréal)
- Koulik Khamaru (Rutgers University)
- Akash Gupta (Amazon)

A distinguished Panel of stalwarts from the academic research community and practitioners took part in an engaging and relevant discussion on **Computing at scale in the era of AI: Challenges, opportunities and the road ahead**. The panel was moderated by Prof. Niloy Ganguly (IITKGP) and featured Prof. Krishna Gummadi (MPI), Prof. Santonu Sarkar (BITS Pilani Goa Campus) and Dr. Raj Gupta (MultiCoreware).



Event Highlights

IndoML 2024 saw over 400+ registrations and provided generous travel grants to 235 graduate students, covering registration fees, travel, food, and accommodation. This ensured broad participation from students across India.

- **Poster Sessions:** Around 75 posters by Graduate Forum participants showcased innovative research in core ML areas.
- **Datathon:** An engaging event where participants tackled challenging ML problems collaboratively.

Special Forums

IndoML 2024 featured three dedicated forums:

Graduate Forum: A platform for students from all disciplines working on AI to present their work, network, and receive feedback. Travel grants and accommodation support maximized participation.

Early Career Researcher Forum: This forum catered to researchers with a Ph.D. and up to three years of postdoctoral experience, providing a platform to:

- Showcase impactful research.
- Network with leading AI researchers and industry leaders.
- Offer a venue for postdocs and final-year Ph.D. students considering a return to India.

Pan India Forum: Focused on faculty members from institutions outside the CS Ranking, this forum:

- Promoted research talent and collaboration.
- Engaged participants from State, Central, and Private Universities, as well as NITs.
- Fostered connections with peers and industry professionals

The forums provided an opportunity for doctoral students, Postdoctoral fellows and Early career faculty to network with the leading exponents in AI and find exciting future opportunities in Industry and Academia. Dedicated mentoring sessions from experts opened unexplored avenues for young researchers who got an opportunity to interact on a more interpersonal note.

The event was graced by an evening of soulful Indian Cultural Music performance by Mr. Manab Das and his team of artists.

Impact and Future Prospects

IndoML 2024 has set a benchmark for collaborative AI and ML research in India. It provided an unparalleled platform for students, researchers, and industry professionals to engage in discussions, showcase their work, and explore impactful collaborations. The dedicated forums can further be bolstered to cater job opportunities for young aspirants in AI.

BITS Pilani K. K. Birla Goa Campus, APPCAIR and the Directorate of Higher Education extend their heartfelt gratitude to all the sponsors, speakers, and participants for making IndoML 2024 a grand success..

INDO ML 2024

