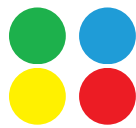


THE GENOMICS DIGEST



**JUNE
2026
EDITION**

**VOLUME 3
ISSUE 6**



EDITOR'S NOTE

Welcome to the June 2026 Edition of The Genomic Digest!

June was another engaging month at Genotypic Technology, marked by insightful talks, trainings and interactive workshops that fostered scientific learning and collaboration. These initiatives showcase our commitment to advancing genomics knowledge through meaningful dialogue, hands-on engagement, and community outreach.

Throughout the month, our expert-led talks provided valuable perspectives on emerging developments in genomics, encouraging knowledge exchange among researchers, students, and professionals. The workshops offered participants practical learning experiences, enabling them to deepen their understanding of genomics concepts and applications through interactive sessions.

In this edition of The Genomic Digest, we bring together the highlights from June 2026—capturing the discussions, learning experiences, and collaborative efforts that continue to strengthen and support the growing genomics ecosystem.

Happy Reading!

THE GENOMICS DIGEST

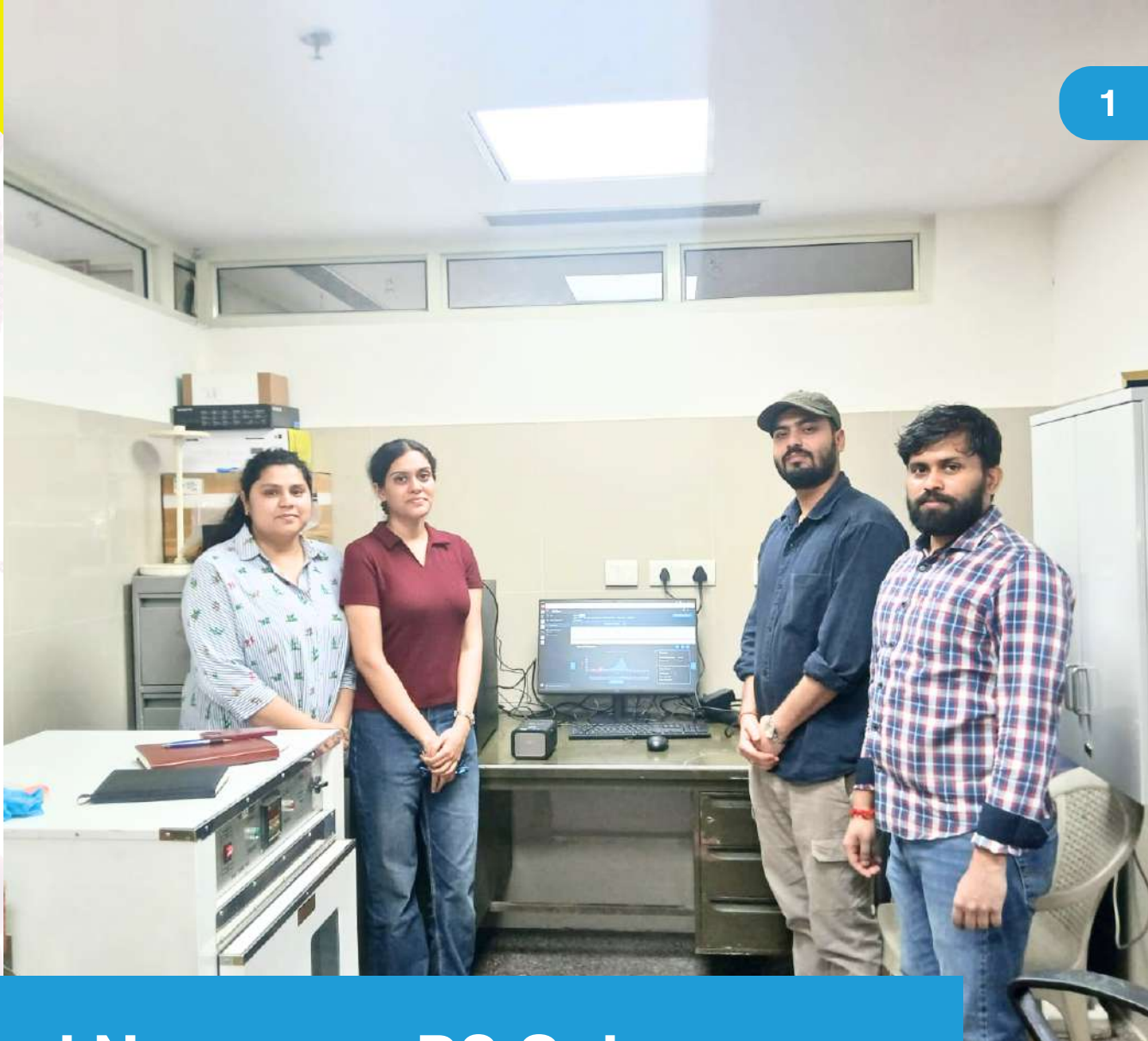
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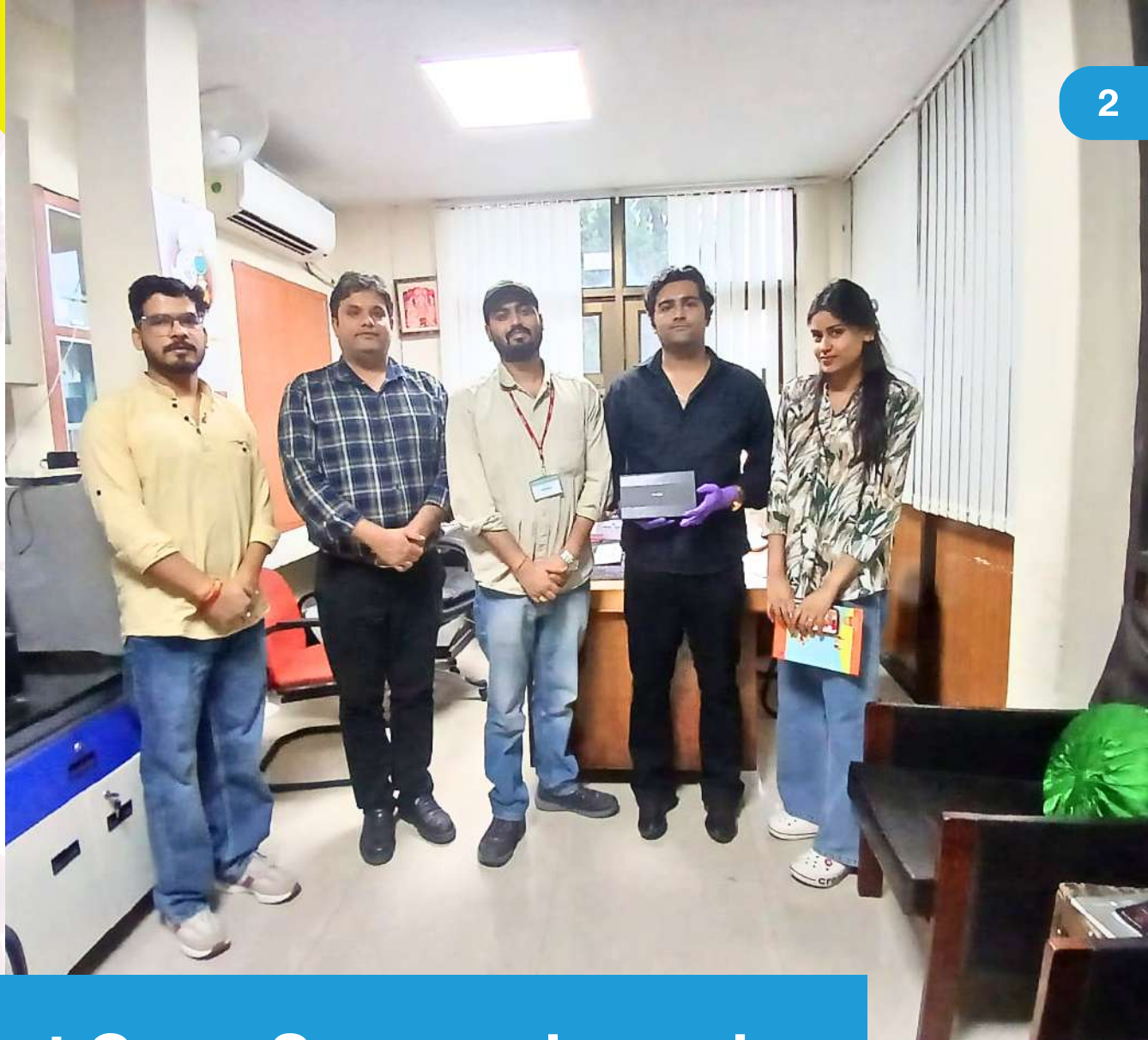


Oxford Nanopore P2 Solo Installation at **PGIMER, Chandigarh**

From June 1–3, Genotypic Technology completed the installation of the Oxford Nanopore PromethION 2 Solo system at the Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh. The installation was carried out to support genomics research focused on 16S sequencing and bacterial whole-genome analysis.

The installation included system setup, workflow familiarisation, and technical guidance to enable researchers to effectively utilise the platform for real-time sequencing applications. The PromethION 2 Solo offers high-throughput sequencing capabilities, supporting accurate microbial characterisation and comprehensive bacterial genome analysis across a wide range of research applications.

This installation marks another step in strengthening advanced genomics infrastructure within leading research institutions. Genotypic Technology remains committed to supporting laboratories with the implementation of cutting-edge sequencing technologies and enabling researchers to advance genomics-driven discoveries.

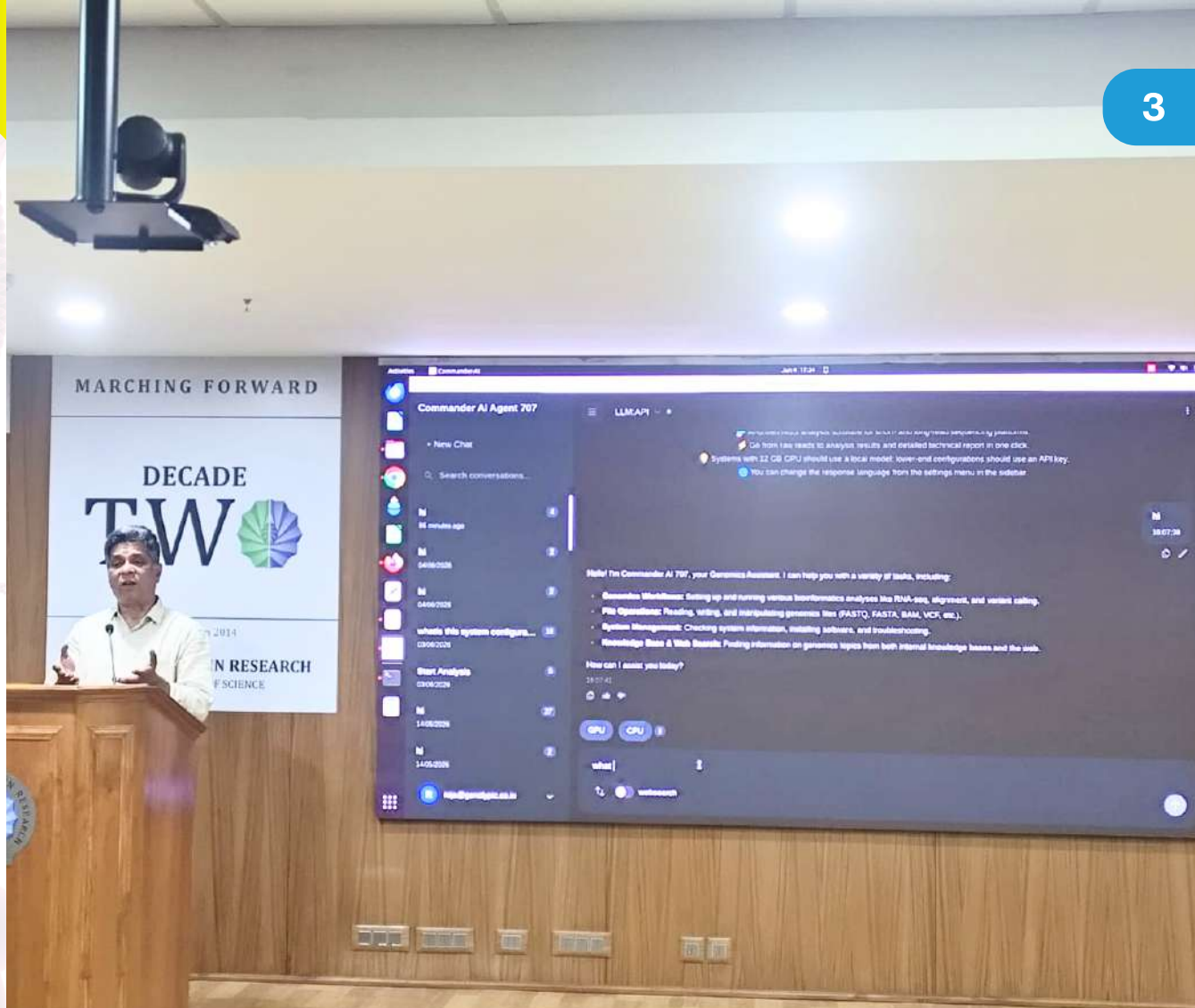


Target Gene Sequencing using Oxford Nanopore at IIM, Jammu

On June 3–4, Genotypic Technology conducted a two-day training programme on Target Gene Sequencing using Oxford Nanopore Technology at the Indian Institute of Management (IIM) Jammu. The programme was designed to provide participants with practical knowledge of targeted sequencing approaches and their applications in modern genomics research.

The training covered the principles of target gene sequencing, Oxford Nanopore sequencing workflows, sample preparation, data generation, and analysis. Through interactive sessions and hands-on learning, participants gained valuable insights into the advantages of real-time sequencing and its applications across diverse research areas.

The programme fostered active discussions and knowledge exchange among participants, offering a platform to strengthen technical expertise in next-generation sequencing technologies.



Genotypic Technology at BDBio 2026 Symposium

On June 4, Genotypic Technology participated in the Fourth Annual Symposium on Big Data Algorithms for Biology (BDBio 2026) at the Indian Institute of Science (IISc), Bengaluru. During the symposium, Dr Raja Mugasimangalam, CEO and Founder of Genotypic Technology, delivered an invited talk on "Agentic AI-Driven Genomic Data Analysis."

The session explored the growing role of artificial intelligence in addressing the increasing scale and complexity of genomic datasets. Dr Raja discussed how agentic AI systems are enabling faster data analysis, improved interpretation, and more informed decision-making across genomics research and clinical applications. The presentation also highlighted the evolving integration of AI with next-generation sequencing (NGS) and bioinformatics workflows to support efficient and scalable genomic analysis.

The symposium provided an excellent platform for engaging discussions with researchers, academicians, and industry professionals, fostering valuable knowledge exchange and collaboration.



Oxford Nanopore P2 Solo Installation at **AIIMS, New Delhi**

On June 11-12, Genotypic Technology completed the installation of the Oxford Nanopore PromethION 2 Solo system at the All India Institute of Medical Sciences (AIIMS), New Delhi. The installation was undertaken to support genomics research focused on the human genome and targeted sequencing applications.

The installation included system setup, workflow orientation, and technical guidance to enable researchers to effectively utilise the platform for high-throughput, real-time sequencing. The PromethION 2 Solo provides a flexible and scalable solution for comprehensive human genome analysis and targeted sequencing, supporting a wide range of research and clinical genomics applications.

This installation further strengthens advanced sequencing capabilities at one of India's premier medical and research institutions. Genotypic Technology remains committed to enabling researchers with cutting-edge genomics technologies and supporting the adoption of innovative sequencing solutions across the scientific community.



Long-Read Sequencing Training at **AIIMS, Bhopal**

On June 16–17, Genotypic Technology conducted a sequencing training programme on Oxford Nanopore Technologies at AIIMS, Bhopal. The training focused on fungal genome sequencing, providing participants with practical insights into nanopore-based sequencing workflows and their applications in fungal genomics research.

The programme covered key aspects of sample preparation, sequencing workflows, data generation, and analysis, enabling researchers to gain hands-on experience with real-time sequencing technology. Participants explored the advantages of Oxford Nanopore sequencing for comprehensive fungal genome analysis and its potential applications across microbiology and genomics research.

The interactive training sessions encouraged technical learning and scientific discussions, equipping participants with the knowledge to confidently implement nanopore sequencing in their research.



Long-Read Sequencing Training at **ICAR-CICR, Nagpur**

On June 19–20, Genotypic Technology conducted a Long-Read Sequencing training programme at the ICAR–Central Institute for Cotton Research (CICR). The training focused on bacterial genome sequencing, providing participants with practical exposure to Oxford Nanopore long-read sequencing workflows and their research applications.

The programme covered key aspects of bacterial genome sequencing, including sample preparation, library construction, sequencing workflows, and data analysis. Through interactive sessions and hands-on training, participants gained valuable insights into the advantages of long-read sequencing for comprehensive bacterial genome characterisation and microbial genomics research.

The training fostered scientific discussions and technical knowledge exchange, enabling researchers to strengthen their expertise in advanced sequencing technologies. Genotypic Technology remains committed to supporting genomics research through collaborative training initiatives and the adoption of innovative long-read sequencing solutions.



Oxford Nanopore Tech Day at GBRC

On June 22, Genotypic Technology participated in the Oxford Nanopore Tech Day held at the Gujarat Biotechnology Research Centre (GBRC), Department of Science and Technology, Government of Gujarat. During the event, Dr Sudha Rao, Founder and ED of Genotypic Technology, delivered a technical session highlighting the capabilities and applications of Oxford Nanopore sequencing technology.

The session introduced participants to the advantages of real-time DNA and RNA sequencing, demonstrating how Oxford Nanopore technology is enabling faster, flexible, and scalable genomic analysis across diverse research and applied genomics settings. Students, researchers, and genomics professionals gained valuable insights into the expanding applications of nanopore sequencing, along with its role in advancing modern genomics workflows.

The event provided an engaging platform for scientific discussions and knowledge exchange, encouraging interaction among participants and experts in the field.



Genomics India Conference 2026

2 - 3 September, 2026 | Pre-Conference Workshop: 1st September, 2026

Dr. Babu Rajendra Prasad International Convention Centre, Bengaluru



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