



दिल्ली विश्वविद्यालय
University of Delhi



8X increase

In plant genomics analytics.¹

“The latest genome sequencing techniques produce very large amounts of data, which requires enormous compute and memory capacity to handle large-scale processing and analysis.”

Dr. Kumar Paritosh,
Scientist, Centre for
Genetic Manipulation of
Crop Plants, University
of Delhi South Campus

Groundbreaking Plant Genomics Research at The University of Delhi

The University of Delhi is one of India’s largest and most renowned higher education institutions. With dozens of pioneering new research projects each year, demand for high-performance computing (HPC) resources is extremely high. To accelerate vital research on oilseed brassicas, the university’s Department of Genetics decided to invest in its own dedicated infrastructure. Lenovo proposed the Genomics Optimization and Scalability Tool (GOAST) and an HPC architecture specifically optimized for genomics analytics, based on Lenovo ThinkSystem SR950 servers with 2nd Gen Intel® Xeon® Scalable processors. With the Lenovo GOAST system in place, scientists at CGMCP have access to powerful HPC resources that are extremely fast, affordable, and easy to use.

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¹ For more complete information about performance and benchmark results, visit <https://www.intel.com/content/www/us/en/customer-spotlight/stories/university-delhi-lenovo-customer-story.html>