RV Institute of Technology and Management®
Bangalore – 560076

Department of Computer Science and Engineering

Event Name	VMWare GreenPlum for Large-Scale Analytics and Data Warehousing
Date	25th January 2024
Venue	6th Floor Seminar Hall, RVITM
Audience	5th semester students
Resource person	Mrs. Shwetha C Ravoor, Engineering Manager, VMware
Faculty Coordinator(s)	Prof. Sudheendra B S and Dr. Shashidhar V

Objective of the Program:

On the 25th of January 2024, the Computer Science and Engineering department of RV Institute of Technology and Management (RVITM) hosted a technical seminar on VMware Greenplum for Large-Scale Analytics and Data Warehousing. The seminar aimed to provide insights into the innovative technologies driving large-scale analytics and data warehousing, with a focus on VMware's Greenplum platform.
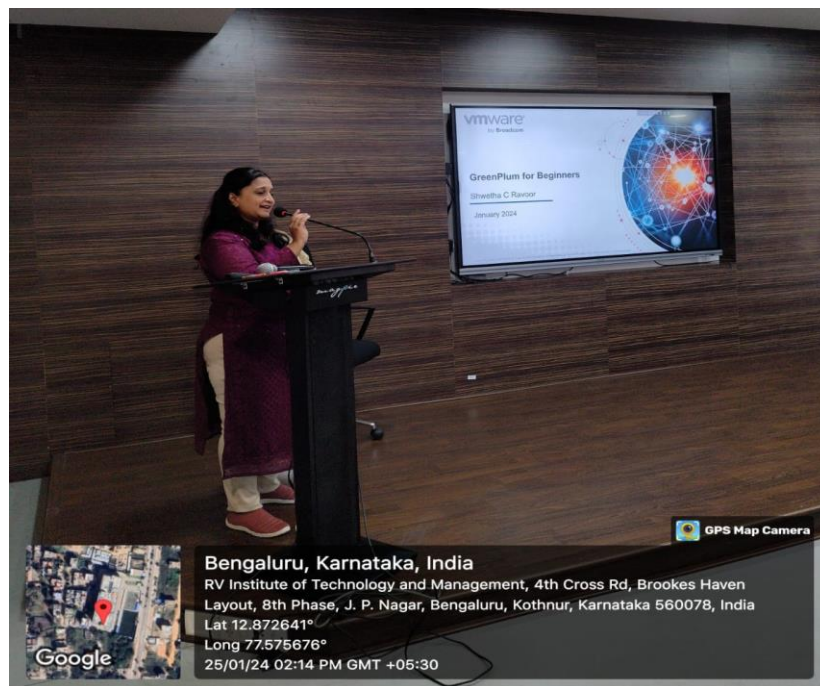
Topics Covered:

Mrs. Shwetha C Ravoor, Engineering Manager at VMware, delivered an informative session covering various aspects of VMware Greenplum. Here are the key highlights of her presentation:

1. Overview of VMware Greenplum: Mrs. Shwetha provided a comprehensive overview of VMware Greenplum, emphasizing its role as a massively parallel processing (MPP) database designed specifically for analytics and data warehousing tasks. She elucidated its architecture and how it enables efficient processing of large volumes of data.

2. Features and Capabilities: The presenter delved into the features and capabilities of VMware Greenplum, showcasing its ability to handle complex analytical queries, support for advanced analytics, and scalability to accommodate growing data volumes. She also highlighted its compatibility with various data types and formats, making it a versatile solution for diverse use cases.

3. Performance and Scalability: Mrs. Shwetha discussed the performance benchmarks and scalability options offered by VMware Greenplum. She presented case studies and real-world examples illustrating how organizations can leverage Greenplum to achieve high performance and scale their analytics infrastructure to meet evolving business needs.
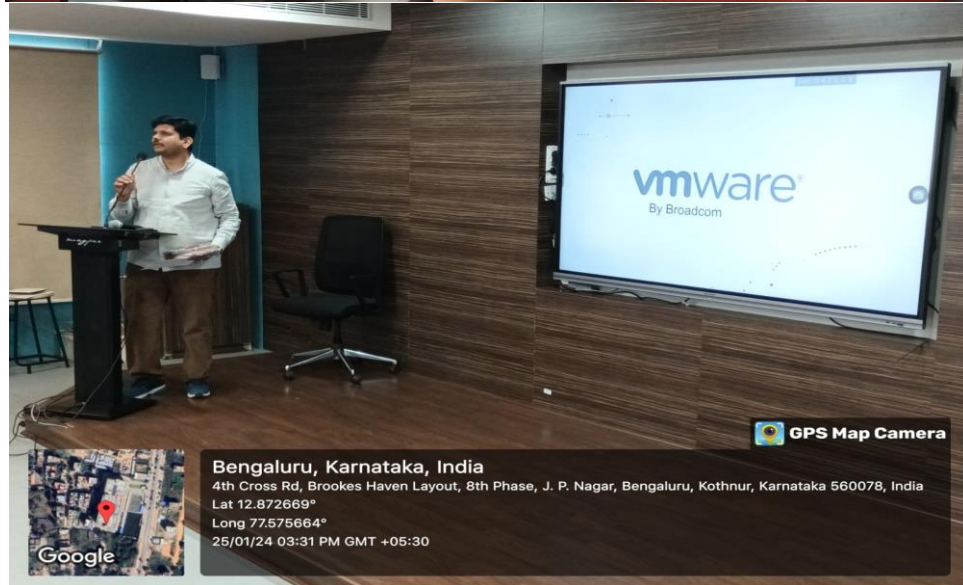
4. Integration and Ecosystem: Another focal point of the seminar was the integration capabilities of VMware Greenplum with other tools and platforms in the data ecosystem. Mrs. Shwetha elucidated how Greenplum seamlessly integrates with popular BI tools, data lakes, and cloud platforms, enabling organizations to leverage their existing investments while modernizing their analytics infrastructure.

Brief Report:

The technical seminar on VMware Greenplum for Large-Scale Analytics and Data Warehousing provided valuable insights into the cutting-edge technologies driving modern analytics and data warehousing initiatives. Mrs. Shwetha C Ravoor's presentation offered attendees a deeper understanding of VMware Greenplum's capabilities, performance, and integration possibilities, empowering them to explore innovative solutions for their data analytics requirements.

Mrs. Shwetha C Ravoor, Engineering Manager at VMware

Coordinator Signature   **HOD's Signature**