

G.S. Mandal's
Maharashtra Institute of Technology, Chhtrapati Sambhajanagar
Department of Emerging Science & Technology

1. **Event Date:** 9th Sep 2024
2. **Event:** - Expert Talk on OpenShift AI.
3. **Speaker at the Event:** Mr. Ravindra Patil

Objectives: AI Innovations and Cloud Computing: Leveraging OpenShift for Scalable AI Solutions.

Gist of the event: The expert talk focused on the convergence of AI and Cloud Computing, specifically how OpenShift AI provides a robust platform for deploying and scaling AI-driven solutions. The speaker highlighted the flexibility of containers and microservices in OpenShift, making it easier for developers to train, deploy, and manage AI models at scale. Real-world case studies demonstrated how businesses could leverage automation and resource management to accelerate AI deployment while optimizing cloud resources for cost-effectiveness. Additionally, the talk emphasized how OpenShift's integration with popular AI frameworks enhances collaboration between data scientists and engineers, ensuring streamlined workflows in AI model development.

The session also covered critical aspects of security and scalability in AI deployments. OpenShift's built-in security features, such as access control and container isolation, were highlighted for protecting AI workloads in multi-tenant environments. The speaker shared insights into future trends like edge computing, AI automation, and real-time analytics, noting that OpenShift's architecture is well-equipped to meet these evolving demands. Overall, the talk underscored how OpenShift can drive innovation in AI while maintaining secure, scalable, and efficient operations.



Mr. Ravindra Patil Technical Instructor at RedHat