



# Er. PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING

Koneripalli, HOSUR - 635 117.

Accredited by NAAC - 'A' Grade & NBA (B.E. - CSE | ECE | EEE | MECH & B.TECH. - IT)

AN AUTONOMOUS INSTITUTION



## DEPARTMENT OF INFORMATION TECHNOLOGY

### TECHNICAL SEMINAR

The poster features a background image of a person in a white lab coat working on a laptop. The text is overlaid on this background. The top left corner has the PMC TECH logo. The top right corner has the TUV SUD ISO 9001 logo. The main text is centered and reads: 'Er. PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING', 'DEPARTMENT OF INFORMATION TECHNOLOGY', 'TOPIC : SERVERLESS ARCHITECTURE', and 'The Future of Application Deployment'. On the left side, the date 'SATURDAY 15 FEB 2025' is written in orange. Below the date, the names and titles of the event co-ordinators are listed. On the right side, there is a circular portrait of Mr. K. Tamil Selvam, a DevOps Engineer at CGI Technologies, Bengaluru.

**Er. PERUMAL MANIMEKALAI  
COLLEGE OF ENGINEERING**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**TOPIC : SERVERLESS ARCHITECTURE**

**The Future of Application Deployment**

**SATURDAY  
15 FEB 2025**

Event Co-Ordinator's

**Mr.Ganeshmani**  
Assistant Professor / IT

**Ms.Dhanalakshmi**  
Assistant Professor / IT

**MR.K.TAMIL SELVAM**  
DEVOPS ENGINEER,  
CGI TECHNOLOGIES,  
BENGALURU.

[www.pmctech.org](http://www.pmctech.org)

**Report:**

The main emphasis of the event is to motivate the students to learn about SERVERLESS ARCHITECTURE - The Future of Application Deployment in Industry.

DevOps practices enable automated testing, integration, and deployment of code changes. Tools like Jenkins, GitLab CI, and CircleCI are commonly used to streamline the CI/CD pipeline, ensuring faster and more reliable software releases.

DevOps emphasizes continuous monitoring and logging to detect and resolve issues proactively. Tools like Prometheus, Grafana, and ELK Stack (Elastic search, Log stash, Kibana) provide real-time insights into application performance and system health.

Students gained Learning language is not to be a serious activity. DevOps fosters a culture of continuous learning and innovation through practices like regular retrospectives and feedback loops. Stakeholders, including customers and business leaders, benefit from ongoing improvements and innovative solutions that keep the product or service at the forefront of the industry.





