



**A Report on Three Days Workshop on**  
**“Industry-Ready DevOps: From Code to Deployment”**  
**Organized by Department of Computer Science & Engineering (Cyber Security)**  
**in association with IEEE From 27.08.2026 to 29.08.2026**

**MIT**  
**MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE**  
(Deemed to be University under section 3 of UGC Act, 1956)  
Madanapalle-517325, Annamaya Dist., Andhra Pradesh, India.

Department of CSE (Cyber Security)  
**A Three-Day Workshop on**  
**“Industry-Ready DevOps: From Code to Deployment”**  
In association with **IEEE**

**Resource Persons**

**Mr. Ranjan Biswal**  
SRE Lead & Configuration Specialist,  
Fidelity Information Service,  
Bengaluru

**Dr. Rabinarayan Panda**  
Former Associate Professor,  
Gardens City University,  
Bengaluru

**Mr. Pankaj Kumar**  
Industry Expert and AI/Digital  
Marketing Brand Consultant,  
Bengaluru

**Date:** 27.08.2026 to 29.08.2026 **Time:** 9.30 AM to 4.00 PM **Venue:** Cyber Security Laboratory (SB108)

**Chief Patron:** Dr. N. Vijaya Shaskar Choudhary, Founder & Chancellor  
**Patrons:** Shri. N. Deepakunath, Pro Chancellor; Mrs. Keerthi Nadella, Executive Director  
**Program Chair:** Dr. C. Yuvraj, Vice Chancellor (IT)  
**Co-Chairs:** Dr. D. Pradeep Kumar, Registrar (IT); Dr. P. Rameshwar, Principal  
**Coordinator:** Dr. Sachikanta Dash, Assoc. Professor, CSE(Cyber Security)  
**Co-Coordinator:** Mr. Roni Das, Asst. Professor, CSE(Cyber Security)  
**Convener:** Dr. Chandra Prakash Gupta, Professor & Dean School of Computing  
**Co-Convener:** Dr. Brahm Prakash, Assoc. Professor & Head CSE(Cyber Security)



**Report Submitted by: Dr. Sachikanta Dash, Associate Professor, Department of C.S.E (CS); Mr. Roni Das, Assistant Professor, Department of C.S.E (CS).**

**Venue: Cyber Security Laboratory (SB108)**

**Mode of Conduct: Offline**

**Time: 9:30 AM to 4:00 PM**

**Report Received on 29.09.2026.**

**1. Program Details**

| Particulars     | Details                                                                 |
|-----------------|-------------------------------------------------------------------------|
| Event Title     | Three Days Workshop on “Industry-Ready DevOps: From Code to Deployment” |
| Organized by    | Department of Computer Science & Engineering (Cyber Security)           |
| Venue           | Cyber Security Laboratory (SB108)                                       |
| Date            | 27.08.2026 to 29.08.2026                                                |
| Time            | 9:30 AM to 4:00 PM                                                      |
| Mode of Conduct | Offline                                                                 |
| Coordinator     | Dr. Sachikanta Dash, Associate Professor, CSE (Cyber Security)          |
| Co-Coordinator  | Mr. Roni Das, Assistant Professor, CSE (Cyber Security)                 |

## 2. Resource Person Details



| Resource Person       | Designation / Organization                                                    |
|-----------------------|-------------------------------------------------------------------------------|
| Mr. Ranjan Biswal     | SRE Lead & Configuration Specialist, Fidelity Information Services, Bengaluru |
| Mr. Pankaj Kumar      | Industry Expert and AI/Digital Marketing Brand Consultant, Bengaluru          |
| Dr. Rabinarayan Panda | Former Associate Professor, Garden City University, Bengaluru                 |

## 3. Program Overview

The three-day workshop on “Industry-Ready DevOps: From Code to Deployment” was organized by the Department of Computer Science & Engineering (Cyber Security) in offline mode at the Cyber Security Laboratory (SB108), from 27.08.2026 to 29.08.2026. The workshop was designed to provide participants with practical exposure to modern software development, cloud technologies, CI/CD automation, containerization, orchestration, artificial intelligence, and emerging technologies. The sessions combined conceptual discussions with practical learning and industry-oriented examples, enabling participants to understand the complete journey from source code to deployment.

## 4. Inaugural Session

The inaugural program of the three-day workshop on “**Industry-Ready DevOps: From Code to Deployment**”, organized by the Department of Computer Science & Engineering (Cyber Security), was conducted on **27.08.2026** at the **Cyber Security Laboratory (SB108)** in offline mode. The program commenced with a warm welcome to the respected **Principal, Dr. P. Ramanathan, Dean, Dr. Chandra Prakash Gupta, HOD, Dr. Brahm Prakash, Coordinator Dr. Sachikanta Dash, Co-Coordinator Mr. Roni Das**, esteemed resource persons, faculty members, and students. The inaugural ceremony included the ceremonial lighting of the lamp, symbolizing the beginning of knowledge and learning. The resource persons **Mr. Ranjan Biswal, SRE Lead & Configuration Specialist, Fidelity Information Services, Bengaluru; Mr. Pankaj Kumar, Industry Expert and AI/Digital Marketing Brand Consultant, Bengaluru; and Dr. Rabinarayan Panda, Former Associate Professor, Garden City University, Bengaluru**, were warmly welcomed. The coordinator introduced the objectives of the workshop, emphasizing the importance of industry-oriented learning in DevOps and modern software development. The dignitaries addressed the gathering and highlighted the significance of practical skills, emerging technologies, and industry readiness. The workshop was designed to provide participants with exposure to **Git, GitHub, Artificial Intelligence, Cloud Computing, AWS, Maven, Jenkins CI/CD, Docker, Kubernetes, and emerging technologies**, along with practical learning. The inaugural program concluded with a vote of thanks, expressing gratitude to the Principal, Dean, HOD, resource persons, coordinators, faculty members, and students for their valuable support and participation, followed by the commencement of the technical sessions.



## 5. Topics Covered During the Three-Day Workshop

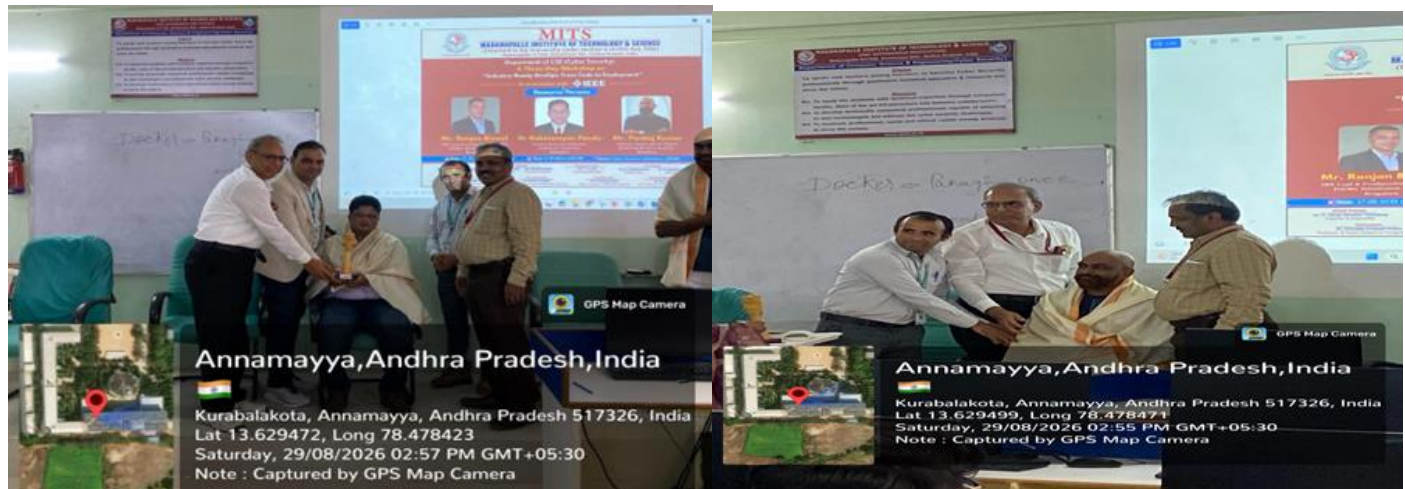
| Date       | Day   | Topics Covered                                                                                                                                                                                                                                                  |
|------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 27.08.2026 | Day 1 | <ol style="list-style-type: none"> <li>1. Git and GitHub</li> <li>2. Version control and collaborative development</li> <li>3. AI concepts and practical learning</li> <li>4. Industry-oriented software development practices</li> </ol>                       |
| 28.08.2026 | Day 2 | <ol style="list-style-type: none"> <li>1. Cloud Computing</li> <li>2. Amazon Web Services (AWS)</li> <li>3. Maven</li> <li>4. Jenkins and CI/CD</li> <li>5. AI-based practical learning</li> <li>6. Automation and continuous integration/deployment</li> </ol> |
| 29.08.2026 | Day 3 | <ol style="list-style-type: none"> <li>1. DevOps concepts and practices</li> <li>2. Docker</li> <li>3. Kubernetes</li> <li>4. AI and emerging technologies</li> <li>5. Practical learning</li> <li>6. From code to deployment</li> </ol>                        |

## 6. Day-wise Learning Highlights

**Day 1 – Git, GitHub and AI:** The first day introduced participants to Git and GitHub, emphasizing version control, source-code management, collaboration, and modern development workflows. AI concepts and practical learning were also included to demonstrate the growing role of artificial intelligence in software development.

**Day 2 – Cloud, AWS, Maven and Jenkins CI/CD:** The second day focused on cloud computing and AWS, followed by Maven for build management and Jenkins for CI/CD automation. AI-based practical learning supported participants in understanding how automated development and deployment pipelines are implemented in contemporary software environments.

**Day 3 – DevOps, Docker and Kubernetes:** The final day focused on core DevOps practices, Docker containerization, Kubernetes orchestration, AI, emerging technologies, and practical learning. The sessions connected development, testing, automation, deployment, and operations into an integrated DevOps workflow.



## 7. Program Outcomes:

- Understanding of DevOps principles and industry-oriented software delivery practices.
- Hands-on understanding of Git and GitHub for version control and collaborative development.
- Awareness of AI concepts and their practical relevance to modern software development.

- Understanding of cloud computing concepts and Amazon Web Services (AWS).
- Knowledge of Maven and its role in software build and dependency management.
- Practical understanding of Jenkins and CI/CD automation.
- Understanding of continuous integration and continuous deployment workflows.
- Hands-on exposure to Docker containerization.
- Understanding of Kubernetes and container orchestration.
- Awareness of emerging technologies relevant to DevOps and software engineering.
- Ability to relate development, automation, deployment, and operations in an integrated workflow.
- Enhanced industry readiness through practical and application-oriented learning.

## 8. Valedictory Program

The workshop concluded with a valedictory program attended by the Principal, Dean, Head of the Department, Coordinator, resource persons, faculty members, and students. The program reflected on the three-day learning journey, highlighting the progression from Git and GitHub through cloud computing, AWS, Maven, Jenkins CI/CD, Docker, Kubernetes, AI, and emerging technologies. The valedictory session recognized the valuable contributions of the resource persons and provided an opportunity for the coordinators and academic leadership to share concluding remarks.

As part of the appreciation ceremony, a memento was presented to Mr. Ranjan Biswal, SRE Lead & Configuration Specialist, Fidelity Information Services, Bengaluru, by the Principal, Dr. P. Ramanathan. A memento was also presented to Mr. Pankaj Kumar, Industry Expert and AI/Digital Marketing Brand Consultant, Bengaluru, by the Dean, Dr. Chandra Prakash Gupta. The Coordinator, Dr. Sachikanta Dash, the Head of the Department, Dr. Brahm Prakash, the Dean, Dr. Chandra Prakash Gupta, and the Principal, Dr. P. Ramanathan, addressed the gathering during the concluding session.



## 9. Conclusion

The three-day workshop on “Industry-Ready DevOps: From Code to Deployment” provided participants with an integrated understanding of modern software development and deployment practices. The workshop covered Git and GitHub, AI concepts, cloud computing, AWS, Maven, Jenkins CI/CD, Docker, Kubernetes, and emerging technologies through conceptual and practical learning. The participation of experienced resource persons from industry and academia enriched the learning experience and helped connect classroom knowledge with contemporary industry practices. Overall, the workshop contributed to strengthening participants’ practical skills, understanding of DevOps workflows, and readiness for industry-oriented software development and deployment.

## 10. Acknowledgement

The Department of Computer Science & Engineering (Cyber Security) expresses its sincere gratitude to the Principal, Dean, Head of the Department, resource persons, faculty members, coordinators, and student participants for their support and active involvement in making the workshop successful. The department also acknowledges the valuable technical and practical insights shared by the resource persons throughout the three-day program.