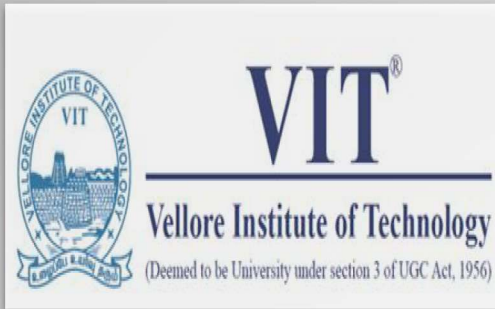




SCHOOL OF COMPUTER SCIENCE ENGINEERING AND INFORMATION SYSTEMS

Department of Computer Applications
Department of Software and Systems
Engineering

GreenOps: Enterprise AI using Spring Boot & Microservices

October 10 & 11, 2026

Participants are required to use the following technologies and tools for application development:

- Spring Boot as the primary framework for developing a robust, MVC-based enterprise application.
- Develop RESTful APIs using Spring Boot to expose business functionalities and facilitate communication between microservices.
- Thymeleaf for front-end development and server-side view rendering
- Spring Data JDBC/JPA with any relational database of your choice (PostgreSQL, MySQL, or Oracle) for data persistence
- Any IDE of your choice
- Design the application using **Microservices** principle modular service design, RESTful communication, and loose coupling) to the extent applicable within the scope of the problem statement.

The primary objective of this **Enterprise Java Hackathon** is to enhance participants' skills in designing and developing modern, scalable enterprise web applications using **Spring Boot** and **Microservices**.

Through this event, participants will gain hands-on experience in developing Spring Boot MVC applications, RESTful APIs, relational database integration, and microservices-based enterprise solutions.

Who Can Participate? Open to Undergraduate, Graduate, Postgraduate, Ph.D. students, and Research Scholars from any recognized Indian institution pursuing Engineering, Science, Technology, MCA, M.Tech, or equivalent programmes. **Team Size:** Individual or teams of up to **4 members** (4-member teams are strongly recommended).

Cash prizes will be awarded to the teams securing the First and Second places based on the evaluation criteria prescribed by the organizing committee.

Participation Certificates will be awarded to all registered participants who successfully complete the hackathon.

To sign up for this event, click the registration link <https://forms.gle/Sgyfwqm69c8naWzt7> provided below and login with <https://events.vit.ac.in/> for making the payment. .

Registration Fee: ₹300 (GST included) for VIT Vellore students and ₹500 (GST included) for students from other institutions.

Important Dates:

02/10/2026 – Last Date for Registration

10/10/2026 – Project Registration &
Development

11/10/2026 –Evaluation

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