

## **REPORT OF GOOGLE GEMINI WORKSHOP**

The Department of Computer Science & Engineering at Bishop Jerome Institute, Kollam, in association with ICT Academy of Kerala, organized a special hands-on training session on Google Gemini to mark Engineer's Day 2025. Engineer's Day on 15 September is observed annually to honor of Engineer's Day. This year's national theme emphasized engineering excellence and deep-tech innovations leading India's progress. The event aimed at equipping students with exposure to one of the latest generative-AI tools, fostering practical skills, and encouraging innovation among aspiring engineers.

### **The main objective:**

- To introduce students to the Google Gemini platform and its applications in engineering and computer science.
- To provide hands-on experience with generative-AI workflows, thereby enhancing their practical skillset.
- To motivate students to think innovatively about engineering solutions, in line with the spirit of Engineer's Day.
- To facilitate interaction with faculty, industry-linked training resource(s) and peer learning in a workshop mode.

The event was attended by undergraduate students of the CSE, CSE-DS, CSE-AI programmes of Bishop Jerome Institute. Faculty members from the CSE department and resource persons from ICT Academy of Kerala provided supervision and technical support. The coordinators for the event were Ms. Deepa Rajan S. and Ms. Greeshma T.S

- The hands-on nature of the workshop was well-received; students appreciated the opportunity to 'play with' a state-of-the-art tool and see direct applications.
- Time-constraints limited how far groups could progress with their projects; future workshops might allocate more time or split into two days.
- Some students required additional buildup in basic prompt-engineering principles and AI-ethics awareness; incorporating a short primer on these at the start could be beneficial.
- The context of Engineer's Day added motivational value — framing the session not just as a technical workshop but part of a larger tradition of engineering excellence.

### **Conclusion**

The "Hands-On Training on Google Gemini" conducted on Engineer's Day 2025 at Bishop Jerome Institute achieved its core objectives: to introduce students to a cutting-edge AI tool, to foster practical engineering thinking, and to align the activity with the ethos of engineering excellence celebrated on this day. The enthusiastic participation of students and the smooth coordination between the CSE department

and ICT Academy of Kerala are noteworthy. With some enhancements (e.g., extended time, deeper follow-up) future iterations of the event can deliver even greater value. Such activities significantly contribute to building the skill-set of engineering students, in line with the national drive for innovation and technological leadership.