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Department of Artificial Intelligence & Machine Learning

Industrial Visit to "Open-Source India, 2025, Bengaluru

Event Description

Department of AI & ML, NHCE took an initiative to organise an industrial visit to "Open-Source India 2025."

Organised by: Open-Source India Chapter
Date: 5th and 6th November 2025
Time: 09:00 am - 5:00 pm
Venue: Nimhans Convention Centre, Bengaluru

A delegation of 90 students from the Department of Artificial Intelligence & Machine Learning attended Open-Source India 2025 at the NIMHANS Convention Centre on 5–6 November 2025. Open-Source India is a two-day, industry-focused open-source conference featuring multiple tracks, hands-on workshops, and keynote sessions; the 2025 edition reported large scale programming and workshops across two days. The event programme included keynote talks, technical sessions that included both paid and free hands-on workshops covering cloud, databases, agentic AI, observability, and governance of open-source software.

During the visit, students participated in keynote sessions, attended several hands-on workshops (including Google Cloud workshops such as "Beyond the API: Command-Line Mastery of Gemini" and sessions on production-ready knowledge graphs, Cassandra, MariaDB, and agentic applications), and visited the expo. Workshop listings and schedules confirm strong participation by cloud and AI platform teams.

2. Student Engagement and Achievements

- **Active Participation:** Students attended talks in the "FOSS for Everyone" track and technical workshops on AI, vector search, and cloud tooling.
- **Interactive Competitions and Rewards:** Several students won early-bird gifts, and many received goodies by participating in on-spot live quizzes and sponsor activities run by platform teams present at the venue. (For example - Google Cloud and SAP vendor booths across the expo). These activities increased students' motivation and visibility for the department at the event.

- **Networking:** Students engaged with industry Engineers, Developers, Advocates, and Representatives from open-source foundations, enabling direct conversations about internships, project ideas, and contributions to community projects.

3. Impact Analysis

Learning Outcome: Exposure to real-world open-source tooling (cloud SDKs, knowledge-graph stacks, vector search, agent frameworks) translated theory to practice. Students gained practical tips from hands-on sessions (tool installation, deployment patterns, and sample workflows) that are immediately useful for lab projects and semester assignments.

Career and Research Impact: Networking with developers and company representatives helped students understand industry expectations for open-source contributions and toolchains. A few students obtained follow-up contacts for internships and collaborative projects. Attending vendor workshops also demystified enterprise adoption of open-source AI stacks, which will inform student project choices and research topics.

Soft Skills and Motivation: Participating in live quizzes, rapid-problem challenges, and expo demos promoted teamwork, quick problem-solving, and professional presentation skills. The instant rewards and recognition (gifts, goodies) provided positive reinforcement for active engagement.

Co-ordinator HoD