



OPEN SOURCE WEEK

FOSTERING OPEN SOURCE CULTURE

17th to 22th November, 2025

B.M.S. College of Engineering



About Us

BMSCE IEEE Computer Society is an organization dedicated to identifying, supporting and advancing the technological opportunities that benefit humanity. Since its inception in 2021, it has hosted over 75 successful events, ranging from national-level hackathons to engaging workshops and contests. The chapter strives to empower engineering students by providing opportunities for collaboration, skill development, networking and exposure. Through its initiatives, BMSCE IEEE Computer Society has contributed to the growth of the computer science and technology industry while enabling its members to make a positive impact on the world.

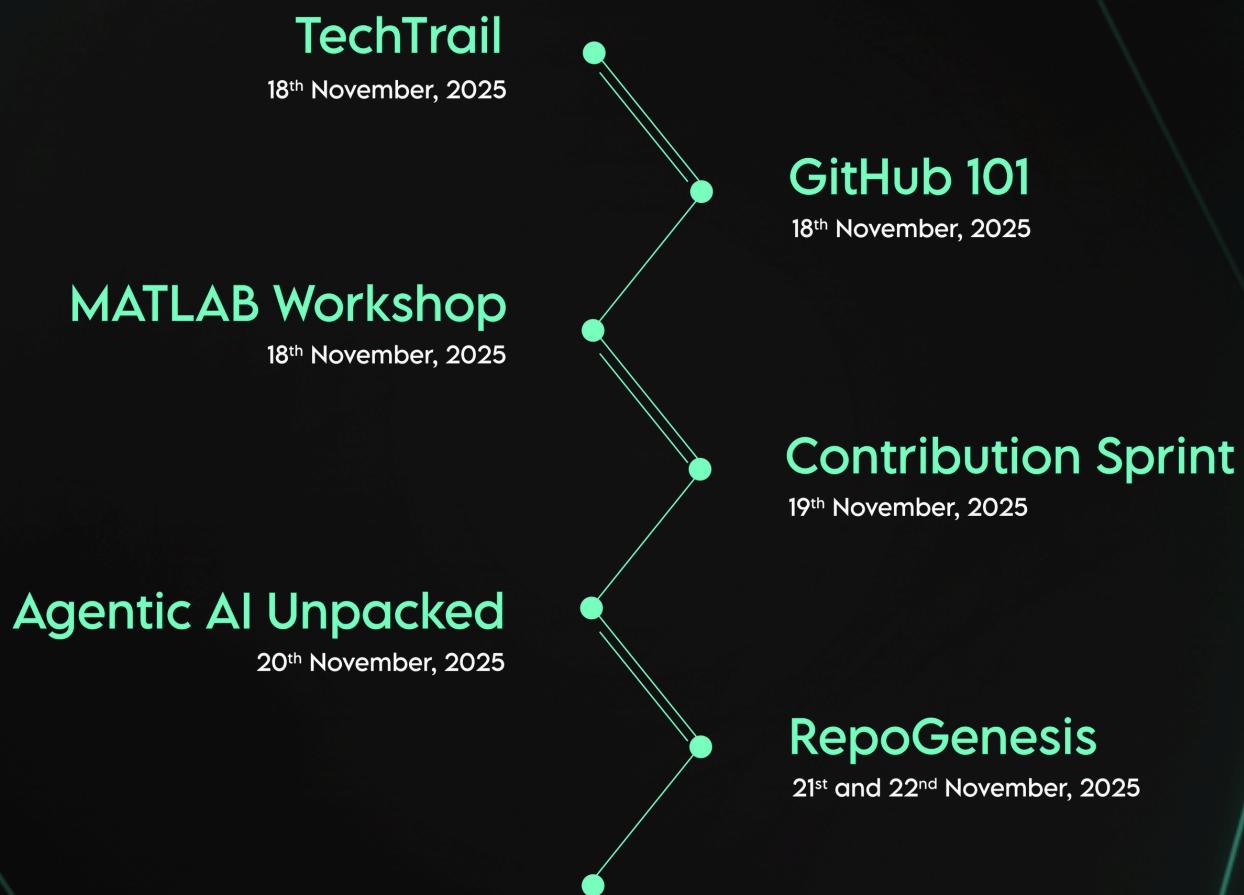


About Open Source Week

Open Source Week is a dynamic celebration of open-source culture featuring a series of events designed to inspire collaboration and real-world contribution. It includes workshops such as GitHub 101, Agentic AI Unpacked and MATLAB Workshop that equip participants with essential skills in version control and open-source development; a Contribution Sprint that enables hands-on participation in real open-source projects; and RepoGenesis, a 24-hour hackathon where teams build impactful open-source solutions. The week encourages participants to engage with industry experts, collaborate with peers and experience the true spirit of open-source development and community-driven innovation.



Timeline





TechTrail

TechTrail is an exciting, multi-stage challenge designed to celebrate the spirit of collaboration, innovation, and curiosity that lies at the heart of open source. In teams of 2 to 3, participants embark on a dynamic adventure that blends problem-solving with high-energy gameplay. The event unfolds across two immersive rounds: an offline treasure hunt, where teams navigate through clues and physical challenges, followed by an online repository hunt, where participants track down answers, decode technical trails, and engage with open-source concepts in a fast-paced digital environment.

The event will take place from 1:30 PM to 3:30 PM and is set to take place on 18th November, 2025.



GitHub 101

Step into the world of open source with this hands-on workshop! Learn how to create repositories, manage branches and submit pull requests while getting practical experience contributing to real projects. Whether you're a beginner or just curious about open-source development, this session will give you the skills, confidence and inspiration to start collaborating with developers around the world.

The workshop will take place in AIML Seminar Hall from 10:00 AM to 2:00 PM and is set to take place on 18th November, 2025.



MATLAB Workshop

Step into the world of computational problem-solving with this hands-on workshop! Learn to analyze data, model systems and build simulations using MATLAB, one of the most powerful tools in engineering and research. Perfect for beginners and enthusiasts alike, this session will give you practical skills, real-world applications and the confidence to turn your ideas into working solutions.

The workshop will take place from 10:00 AM to 1:00 PM and is set to take place on 18th November, 2025.



Agentic AI Unpacked

Dive into the exciting world of intelligent agents in this hands-on workshop! Learn how to build your very first open-source AI agent using real tools and platforms. No prior experience is needed, just curiosity and creativity. This session will give you practical skills, mentorship and the inspiration to start exploring AI in collaborative, open-source projects.

The workshop will take place from 10:00 AM to 2:00 PM and is set to take place on 20th November, 2025.



Contribution Sprint

Contribution Sprint is an open-source competition where participants contribute to multiple repositories created by the organising committee, each with predefined templates and guidelines. Participants will fork repositories, make valid contributions and submit their work within the given timeframe. Evaluations will be based on the quality, relevance and completeness of contributions. This event aims to foster collaboration, enhance practical development skills and provide real-world exposure to version control workflows.

The event will take place online from 10:00 AM to 4:00 PM and is set to take place on 19th November, 2025.



RepoGenesis

Experience the ultimate test of creativity and collaboration in RepoGenesis, the flagship 24-hour hackathon of Open Source Week 2025. Teams of 2-4 members will be given 24 hours to design, build and refine innovative open-source solutions. Teams will have to tackle real-world challenges, participate in checkpoints for feedback and prepare their projects for the final showcase. Exceptional projects will be recognized and rewarded, making RepoGenesis the perfect platform to bring your ideas to life and contribute to the open-source community.

The Hackathon will take place from 5:00 PM on the 21st November to 5:00 PM on the 22nd of November, 2025.



Wrapping Up

Open Source Week 2025 organized by BMSCE IEEE Computer Society, is a celebration of open-source culture, collaboration and creativity. Participants will experience hands-on workshops, a Contribution Sprint and the flagship RepoGenesis 24-hour hackathon, gaining practical exposure to real-world open source projects. With mentorship, teamwork and interactive sessions, the event empowers students to build, innovate and contribute to the open-source ecosystem. Open Source Week inspires curiosity, fosters collaboration and encourages participants to turn ideas into impactful, community-driven solutions.



Contact Us

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