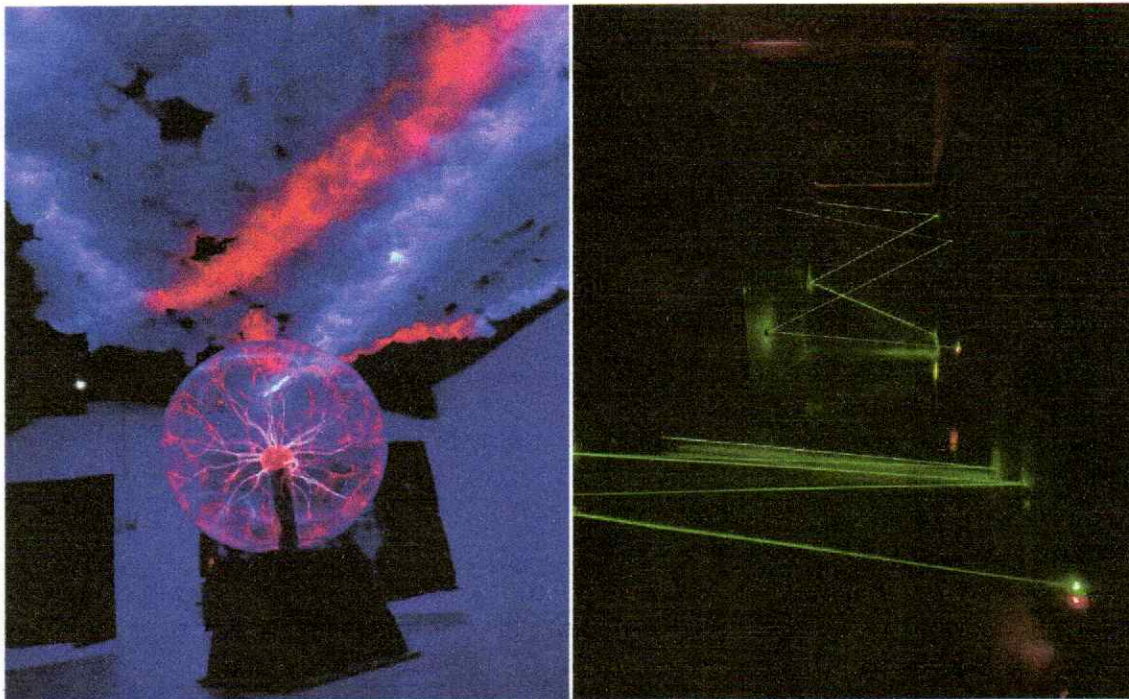# National Technology Celebration

On the occasion of the National Technology Celebration, a vibrant tech fest was organized at SNGCE (Tech Fest Exhibition). The event aimed to celebrate technological advancements and provide a platform for students to showcase their innovative projects and compete in various technical competitions.

The tech fest witnessed a multitude of exhibits and competitions that highlighted the talent and creativity of the participants. The exhibits included projects from various engineering disciplines such as computer science, electronics, electrical, mechanical, naval architecture and civil engineering besides the participation of computer application and management disciplines. Each project demonstrated unique solutions to real-world problems and showcased cutting-edge technologies.
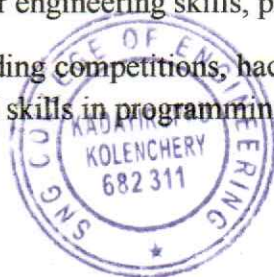
One of the prominent competitions held during the event was the "Innovation Challenge." It encouraged participants to come up with novel ideas and develop prototypes to address specific societal or industrial challenges. The competition witnessed teams presenting their innovative concepts and demonstrating their working models to a panel of expert judges.

Plasma Ball and Laser maze Exhibition

Another noteworthy competition was the "Robotics Challenge." Participants designed and built autonomous robots to complete a series of tasks and obstacles within a defined time frame. This competition tested their engineering skills, problem-solving abilities, and teamwork.

Furthermore, there were coding competitions, hackathons, and technical quizzes that assessed participants' knowledge and skills in programming, data analysis, and problem-solving.

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The exhibits and competitions attracted a large number of students, faculty members, and industry professionals, fostering a spirit of innovation, collaboration, and healthy competition. The event provided an excellent opportunity for participants to interact with experts from academia and industry, receive feedback on their projects, and gain exposure to the latest technological trends.

The tech fest also included guest lecturers by eminent personalities in the field of technology, enlightening the participants about emerging trends and future prospects in their respective domains.
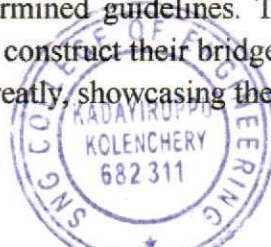

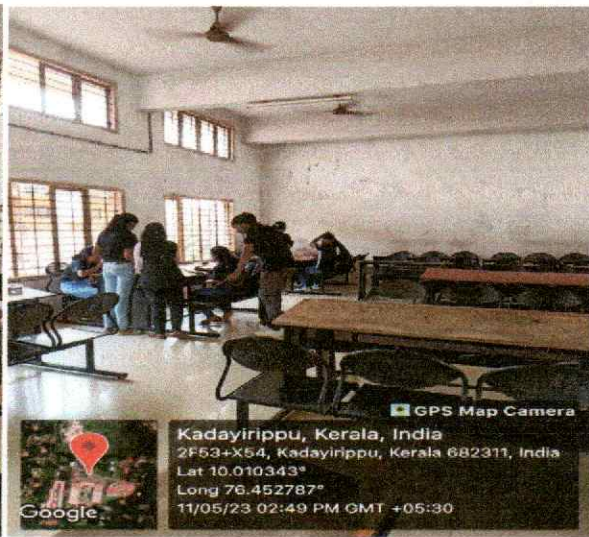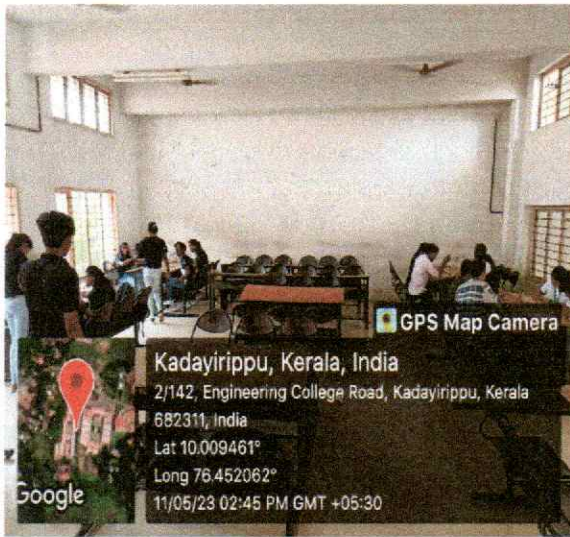PSLV – model installed by students on National Technology Exhibition-2023

BRIDGE MAKING COMPETITION

A bridge making competition also coordinated in SNGCE as the part of technology day celebration with the aim of promoting engineering skills and fostering creativity among students. Total 17 students in four teams participated in the competition.

The competition encouraged participants to design and construct bridges using specified materials and following predetermined guidelines. The teams were provided with 300 ice cream sticks, gums and scales to construct their bridges, ensuring a fair and uniform basis for evaluation. The designs varied greatly, showcasing the students' innovative ideas.

The competition was divided into several stages:

Design Phase- Participants were given a set timeframe to conceptualize and develop their bridge designs. They were required to submit design plans that included measurements, materials, and construction techniques.

Construction Phase- Once the design plans were approved, teams commenced the construction process. They were provided with the necessary materials and tools to bring their designs to life.

Overall, the tech fest organized on the 11th National Technology Day at SNGCE successfully celebrated technology and its impact on society. It provided a platform for students to showcase their innovative projects, engage in technical competitions, and learn from industry experts. The event not only fostered a sense of enthusiasm and curiosity among participants but also encouraged them to push the boundaries of technological innovation.

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