

Title: *Expert Interaction and Orientation on BioQuest Hackathon 2025*

Date: 29 November 2025

Time: 11:00 AM to 12:30 PM

Venue: GBU Auditorium

Organised by: Gujarat Biotechnology University (GBU)

In Collaboration with: Snehshilp Foundation and Satani Research Centre (SRC), GBU Gandhinagar

About the Session

Gujarat Biotechnology University organised a special expert session to orient students and research scholars towards BioQuest Hackathon 2025, a 40-hour intensive biotechnology and biomedical innovation challenge aimed at developing solutions at the intersection of biology, machine learning, and healthcare innovation. The session was designed to familiarise participants with the hackathon framework while encouraging innovation-led and startup-oriented thinking.

Speaker Profile

The session was delivered by Mr. Abhijeet Satani, Chief Scientific Officer & Director, Satani Research Centre. Mr. Satani is an award-winning neuroscientist, inventor, and educator, recognised globally for his work in brain-computer interfaces (BCI) and cognitive neuroscience. He is the creator of the patented Cognitively Operated System (COS), which integrates neural activity with machine control and has been successfully applied in live neurosurgical procedures, including deep brain stimulation and open-brain surgeries. His work contributes significantly to precision medicine, assistive technologies, and human-AI integration.

Session Highlights

During the session, Mr. Satani introduced the vision and expectations of BioQuest Hackathon 2025, emphasising problem identification, interdisciplinary collaboration, and real-world applicability of solutions. Participants were able to gain valuable startup guidance and explore meaningful entrepreneurial pathways under his mentorship. He shared practical insights on innovation translation, startup readiness, and the role of scientific rigor in building scalable biotech ventures.

The session was jointly guided by Dr. Gaurav Jerath, who facilitated discussions and supported effective engagement between the speaker and participants.

Participation and Engagement

The session witnessed active participation from SSIP-supported teams and PhD scholars, along with MSc 1st and 2nd year students, JRFs, SRFs, and GBU alumni interested in innovation and entrepreneurship. The interactive format allowed participants to directly engage with the expert, seek clarification on hackathon participation, and understand pathways for startup development.

Outcome and Conclusion

The expert session successfully oriented students and research scholars towards the objectives of BioQuest Hackathon 2025. It strengthened participants' understanding of innovation-driven research, entrepreneurship, and startup pathways. The session aligned well with GBU's mission of promoting research excellence, innovation, and entrepreneurship, and served as a strong foundation for student participation in the upcoming hackathon.