Our work is genuinely aligned with the United Nations SDGs

Goal 4: <u>Quality Education:</u> Innovative, inclusive, and equitable high-quality education to undergraduate (BSc) and postgraduate (MSc), Doctoral (PhD) students, and early career researchers. The lab introduced CRISPR genome engineering to both mainstream teaching and research and short course at the University that transformed the career paths of several students.

Goal 8: <u>Promote sustained and sustainable economic growth, full and productive employment and decent work for all.</u> We have spearheaded research-driven initiatives like the **Gene Editors of the Future (2020) and Discover to Recover (2022).** These initiatives have successfully for the first time established a robust platform for PhD, PG and UG to collaborate while simultaneously improving their employability prospects.

Goal 9: <u>Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation:</u> The Genome Engineering Laboratory established a niche for PhD students to explore innovations and made multiple collaborative initiatives on deep learning models for DNA damage studies, novel chemical sensors for cancer imaging, and identification of novel gene networks. Our work on the "Gene Editors of the Future" has been highlighted in the SDG report of the University.

Goal 17: <u>Partnership for the goals</u>. We serve as role models for actively involving students as co-creators, leaders, and partners in research and education delivery. We collaborate with more than seven institutions spanning India, Thailand, Dubai, and Kazakhstan, sharing, and implementing best practices. Throughout the COVID-19 pandemic, our organization has been dedicated to delivering more than 15 online workshops aimed at fostering innovation in scientific research. We have strived to reach not only students and professionals in well-connected urban areas but also those residing in remote and underserved parts of the world.