

To Whom It May Concern

As the Principal of Modern School, Vasant Vihar, I take immense pride in recommending **Daksh Pruthi**, one of our most accomplished and visionary students, for admission to your university. In my years of working with exceptional young people, Daksh has distinguished himself with his rare ability to unite **intellectual rigor, engineering innovation, leadership, and social impact** into one coherent pursuit.

Daksh's academic record has been consistently stellar. He has not only ranked among the very top of his cohort in every subject but has also excelled in international mathematics and science olympiads, earning multiple medals, and in standardized testing, where he has achieved a **1550 on the SAT**, placing him in the top global percentile. His mastery of abstract concepts is matched by his commitment to applied learning. He is the student who will persist until he understands the "why" behind every formula and who eagerly connects theory to practical use.

From the outset of his high school journey, Daksh demonstrated an unusual capacity to transform ideas into actionable solutions. His project **ByeByeLota**, a **portable, water-efficient bidet faucet that is patent-pending**, reflects both his engineering ingenuity and his deep social responsibility. This device addresses sanitation challenges that continue to claim lives in India, conserving water while improving hygiene for marginalized communities. Already, Daksh has managed to distribute over **2,000 devices**, impacting more than **13,500 individuals**. Equally inspiring is Daksh's leadership in pairing these deployments with **community sanitation workshops and awareness drives**, collaborating with government bodies and NGOs—underscoring his belief that technology must be paired with education for lasting change.

He was also the only student selected to represent our school at the **IIT Delhi Change Makers Bootcamp**, where he and his team developed **Segrego**, an AI-integrated waste segregation dustbin capable of categorizing waste into four components using machine learning and Raspberry Pi integration. Accomplishing this with a team half the size of his peers, Daksh displayed **technical excellence, resourcefulness, and leadership under constraints**.

He has also been deeply involved in the establishment of our school's Robotics and Innovation Lab, where he has developed and demonstrated multiple projects, consistently serving as a role model and mentor for his juniors.

Within school, Daksh has always been the "go-to" student whenever an initiative needs vision, dedication, or representation. He has served with distinction as **Vice Head Boy**, and continues to lead as **President of multiple clubs**. Acting as the **Editor-in-Chief** of the Literary Club, he undertook the responsibility of working on our school's annual magazine *The Vasant Parag* and the Science Newsletter. His outstanding leadership and organizational ability have also made him the natural choice to represent Modern School at national and international forums, where he consistently embodies our values with maturity and poise.

In recognition of his consistent excellence in academics, leadership, and co-curricular achievement, **Daksh was honored with the Principal's Award for being an All-Rounder** — the highest distinction at our institution, reserved for students who exemplify holistic excellence.

What impresses me most, beyond his academic and technical brilliance, is Daksh's personality. He is a natural communicator—articulate, persuasive, and deeply personable. Teachers rely on him for support in events and projects, and students admire him as a mentor and friend. His ability to build trust, inspire peers, and foster collaboration has made him one of the most well-liked and respected members of our community.

Daksh embodies the kind of student who does not simply master existing knowledge but pushes its boundaries to serve humanity. He is a builder, a problem-solver, and a leader whose curiosity is matched only by his compassion. I have no doubt he will bring the same innovation, resilience, and personal warmth to your university as he has to our school.

It is my highest honor to recommend him without reservation.

Sincerely,

Principal

Modern School, Vasant Vihar