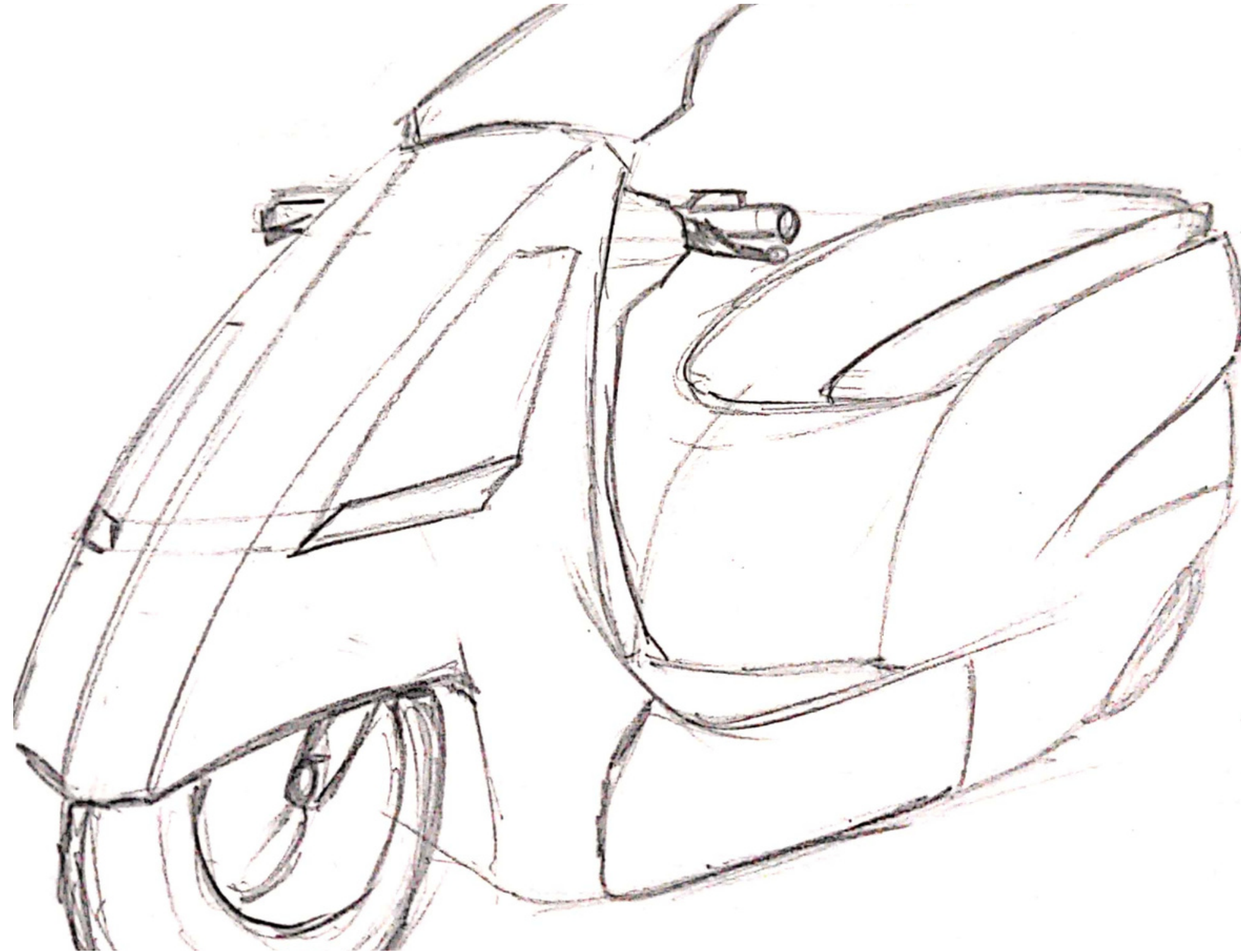


# ELECTRIC SCOOTER



Abhijeet.B.R

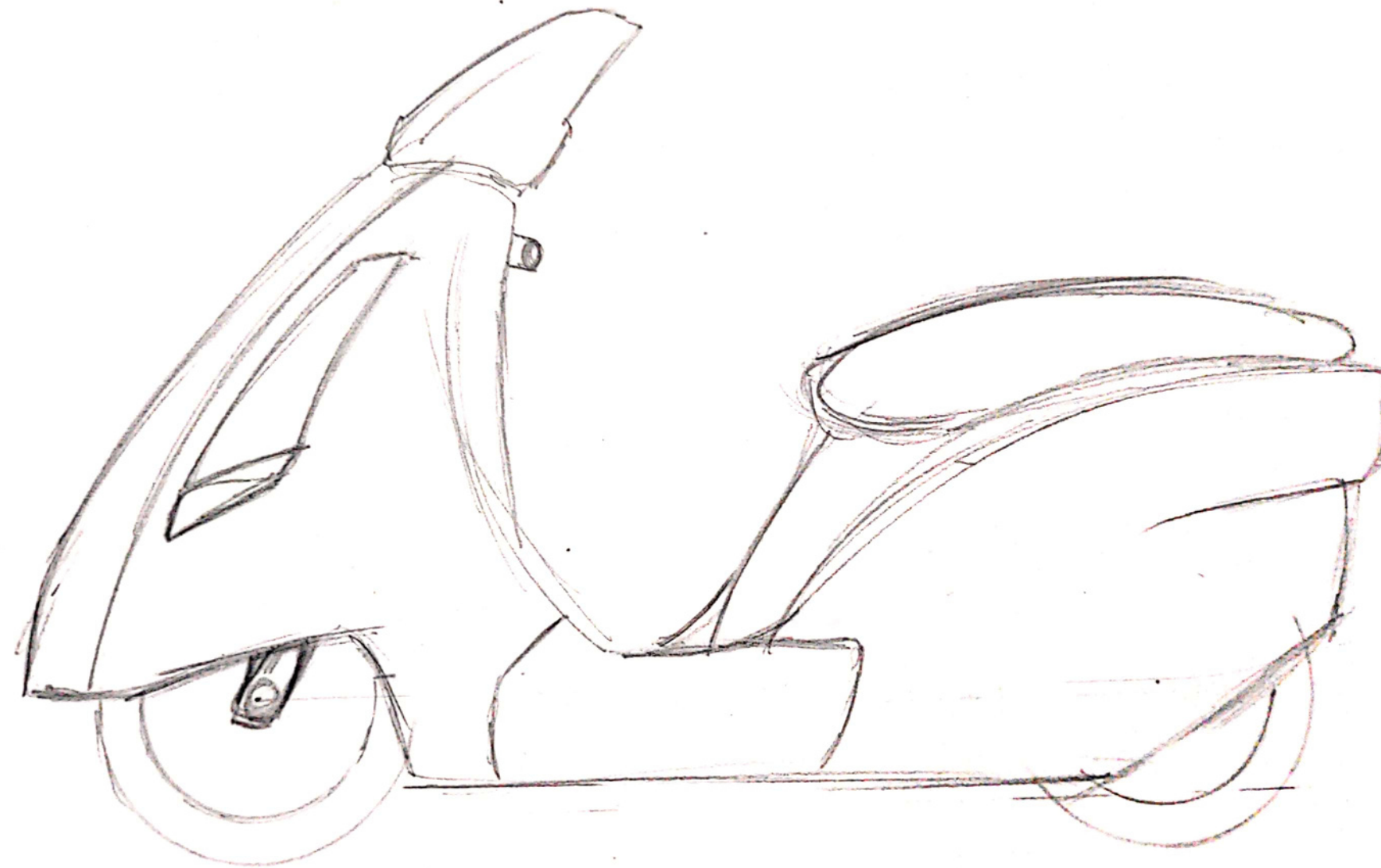
# CURRENT ISSUES

Mobility modes is shifting from fossil fuels to EV's. People are actively on the lookout for newer upgraded EV's rather than going in for gas guzzling Vehicles. But there are many technical aspects of the EV which has to be looked into, like safety, Single charge range, charging speeds, Charger availability, etc.



EV's are more popular in India as in a scooter format for its versatility, cost, Boot Space, maneuverability and the ease of squeezing in through our Jam Packed metropolitan cities.

The long standing issues in EV has been Range Anxiety, no proper charging stations in rural places, and battery temperatures due to the tropical climate of countries like India.



# SPECIAL FEATURES

Our EV Scooter has been specially designed in such a way that all these above points have a countermeasure.

**Removable Battery pack system:** The front portion of the scooter has been designed in such a way that the panel housing the battery can be interchanged with the Batteries currently running with the Scooter. These are modular type batteries which are present on the floor board.

**Heat management:** Liquid Glycol is used as coolant in the battery heat management system, and these run in the Radiator coils surrounding the battery.