**Design thinking**

1. The above system is design base on assumption that the road intersection is for 1 lane flow and 2 roads are meet at perpendicular intersection. Given that there will be medium traffic flow at the intersection throughout the day
2. Circle at the centre represents a solid thing which will force driver to move through left of it.
3. We can install security cameras, speed cameras, traffic signal, traffic controller booth in the circle so that it all will be safe to accidents.
4. We can arrange a footpath and separate lane for bike and cyclist. Bus stop can be established at 100 m away from the intersection so that there will not be any conjunction.
5. The design reduces these 24 points to 8 points and thus the accidents are less likely to occur.
6. Design a curve also reduces the speed of vehicle so that the impact may be not life threatening.
7. In future other modifications can also be made like designing an underpass for pedestrians, or Installing bumpers etc.
8. If the roads need to be increase then, flyover system or cloverleaf intersection system can also be implemented which will avoid most of the traffic jams and accidents.