

# Dadi Institute of Engineering & Technology



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## **Proceedings of Two Day Online National Conference on Internet of Things : Design & Applications**

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## **An automatic toll ticketing system using image processing**

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**Abstract :**Nowadays almost all highways toll plazas are manually operated by using fastag Toll ticketing system. But in this system usage of equipment's like guns, fastag(RFID tag)..etc are more costly and the procedure can be slow. So, this often encounter traffic jams at the tollplazas on busy highways. So, Automatic tollticketing system using image processing is proposed. This system will savetime effort and manpower. This is a low cost and efficient technique. This automatically collects the toll from moving vehicles then their crosses the toll plazas. We consider owner maintenance prepaid account, so that toll tax deducted automatically from the driver's account at toll plazas. By using this technique we can also know how many vehicles are passed in tollgates