

## Curriculum Vitae

1. Name: P. V. Pradeep Kumar

2. Designation: Chief Scientist, Traffic Engineering & Safety Division,  
CRRI, New Delhi-110025,  
pvpradeep1964@rediffmail.com; pvpradeep.crri@nic.in



3. Areas of Interest:

- Activities related to High Security Registration Plates (HSRP) of vehicles
- Planning, Monitoring & Evaluation,
- Vehicular fuel consumption and emissions,
- fabrication of mechanical nature

4. Educational Qualification: ME(Mechanical), MBA, BE (Mechanical)

5. Professional Experience:

- Activities related to High Security Registration Plates (HSRP) of vehicles
- Planning, Monitoring and Evaluation of Projects
- Fuel consumption measurements for Petrol and Diesel Vehicles
- Fabrication and Maintenance of Mechanical Nature

6. Achievements

a) Research Projects:

- Evaluation of fuel consumption for a given driving pattern
- Impact of Road condition on fuel consumption of vehicle
- Estimation of fuel loss due to idling at signalized Intersection and mitigation measures
- Evaluating BRT Corridor from Ambedkar Nagar to Moolchand
- Estimation of fuel loss during Idling of vehicles at signalised Intersection of Delhi.
- Pilot Study on effect of overloading on Road Infrastructure.

b.) Research Publications

### **Papers in Journals:**

- Niraj Sharma, P V Pradeep Kumar, Rajni Dhyani, Ch. Ravisekhar, K. Ravinder (2019). "Idling fuel consumption and emission of air pollutants at selected signalized intersections in Delhi." Journal of cleaner Production 212(2019),8-21.