

V.S.B. ENGINEERING COLLEGE, KARUR
Department of Electronics and Communication
Engineering
IBM NALAIYA THIRAN

TITLE : Signs with smart connectivity
for better Road Safety

DOMAIN NAME : Internet of Things

LEADER NAME : Manisivarajapandi A

TEAM MEMBER NAME : Ranjith K
Pragadeeshwaran K
Nithish Kumar K

MENTOR NAME : Sivalingam T

IDEATION:

Manisivarajapandi A:

1. Every sign post measures surrounding traffic.
2. Vehicle based speed and lane display.

Ranjith K:

1. Sign color change based on environmental conditions.
2. Accident detection and diversion.

Pragadeeshwaran K:

1. Camera attached to every traffic sign to monitor.
2. Emergency vehicles passage and alerts.

Nithish kumar:

1. School and hospital zones dynamically road signs speed.
2. Remote view capability to plan route.

TOP THREE IDEAS:

1. Sign color change based on environmental conditions.
2. Remote view capability to plan route.
3. Camera attached to every traffic sign to monitor.