

Indian Statistical Institute

Applied Statistics Unit

SEMINAR NOTICE

Speaker: Sumantra Chattopadhyay, Vice President Engg., Avineon India Pvt. Ltd.

Title: Means to improve road safety for public vehicles in Indian conditions using some simple and economic tools of science

Date: 24 January, 2023

Time: 16:15 PM

Venue: ASU Seminar Room

Online Platform: Google Meet (meet.google.com/kxk-aqsj-kxj)

Abstract:

In India we have billions of cars and commercial vehicles and an absurdly disproportionate amount of roads. We have much fewer roads than necessary. India ranks high very unfortunately in the global road accident index. Statistically speaking our road accident deaths stand at 17 per one lakh of people per year and vehicle wise we have fatal crash figures of 300 crashes per one lakh vehicles every year. The same figure for Germany, Italy, France, Japan etc. are below 5 against our 17. We all know that.

What we probably don't know is that forty percent of these crashes and deaths are attributable to fatigued drivers who are overworking and dozing off in the wheel. We know there are means of fighting this effect in Europe and the USA. But we cannot simply copy their system because the socio economic situation is vastly different. Yes we will take their methods but with very essential customization. The topic therefore is no invention, but customizing some useful methods, scientific of course, to cut down this sad phenomenon. We cannot let an innocent person (and in most cases not literate) die driving a vehicle in an effort to earn 'a few dollars more' for his beloved family. While this phenomenon is mostly prevalent in case of commercial vehicles it is nevertheless observed in private vehicles as well where the owner is at the wheel. Recent sad accident of Pant is one such example. Not only by this means we can reduce this fatigued driving, we will also be able to check people's attitude of driving beyond the speed limit.

All are invited to attend.

Please write to SOMENATH DAS somenath1011@isical.ac.in in case you do not receive the invitation link 48 hours before the seminar time.