

An Indian-Australian research partnership

Project Title: **Impact of personality traits on driving behaviours among various age groups**

Project Number **HSS0498**

Monash Main Supervisor

(Name, Email Id, Phone)

Professor Sjaanie Koppel
Sjaanie.Koppel@monash.edu

Full name, Email

Monash Co-supervisor(s)

(Name, Email Id, Phone)

Monash Department:

Monash Injury Research Institute

Monash ADRT

(Name, Email)

Full name, email

IITB Main Supervisor

(Name, Email Id, Phone)

Professor Azizuddin Khan
aziz@hss.iitb.ac.in

Full name, Email

IITB Co-supervisor(s)

(Name, Email Id, Phone)

IITB Department:

Humanities and Social Sciences

Research Academy Themes:

Highlight which of the Academy's Theme(s) this project will address?

(Feel free to nominate more than one. For more information, see www.iitbmonash.org)

1. Advanced computational engineering, simulation and manufacture
2. Infrastructure Engineering
3. Clean Energy
4. Water
5. Nanotechnology
6. Biotechnology and Stem Cell Research
7. **Humanities and Social Sciences**

The research problem

Define the problem

One's personality traits might not reflect his or her behaviour accurately, but can indicate its likelihood in certain situations. One such situation is driving a vehicle. Even though some research, based on a particular age group and behaviour criterion, has been done in this domain, (Lucidi et al., 2014) further exploration including wide range of personality traits and behavioural parameters considering different ages would help us in knowing the interaction between one's personality traits and his or her driving behaviour

Project aims

Define the aims of the project

To study the impact of personality traits on driving behaviours among various age groups.

Expected outcomes

Highlight the expected outcomes of the project

Through this study, personality traits would help us in predicting individual's behaviour towards driving. This could in turn assist us to analyze common traits that lead to driving errors. Although it's difficult to alter one's personality required to avoid these errors, there is a possibility to influence risky driving behaviour with the help of some interventions by targeting one's attitude towards safety

How will the project address the Goals of the above Themes?

Describe how the project will address the goals of one or more of the 6 Themes listed above.

Capabilities and Degrees Required

List the ideal set of capabilities that a student should have for this project. Feel free to be as specific or as general as you like. These capabilities will be input into the online application form and students who opt for this project will be required to show that they can demonstrate these capabilities.

First class Master's degree in psychology/ medicine/ cognitive neuroscience.

Applicants acquainted with the knowledge of EEG/ ERP and/or cognitive/ neuropsychology/ would be encouraged.

Potential Collaborators

Please visit the IITB website www.iitb.ac.in OR Monash Website www.monash.edu to highlight some potential collaborators that would be best suited for the area of research you are intending to float.

Please provide a few key words relating to this project to make it easier for the students to apply.

Driving behaviour and Personality traits