Project Title:	**Impact of personality traits on driving behaviours among various age groups**	
Project Number	HSS0498	
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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

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

Expected outcomes

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?

Capabilities and Degrees Required

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

Driving behaviour and Personality traits