

**UNIVERSITI TEKNOLOGI MARA**

**PSYCHOLOGICAL FACTORS OF  
RISKY BEHAVIOR AMONG YOUNG  
MOTORCYCLISTS IN KUALA  
SELANGOR**

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Project submitted in fulfillment of the requirements for  
the degree of  
**Bachelor in Environmental Health and Safety  
(Hons.)**

**Faculty of Health Sciences**

July 2017

## DECLARATION BY STUDENT

Project entitled “Psychological Factors of Risky Behavior among Young Motorcyclists in Kuala Selangor” is a presentation of my original research work. Whenever contributions of others are involved, every effort is made to indicate this clearly, with due reference to literature, and acknowledgement of collaborative research and discussions. The project was done under the guidance of Project Supervisor, Dr. Farah Ayuni Binti Shafie. It has been submitted to the Faculty of Health Sciences in partial fulfilment of the requirement for the Degree of Bachelor in Environmental Health and Safety (Hons).

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## **ACKNOWLEDGEMENT**

*In the name of Allah, The Most Gracious, The Most Merciful.*

First of all, Alhamdulillah thanks to Allah for giving me the opportunity and strength in health and safety to complete this final year project successfully. I would like to express my gratitude to which I am very grateful to, who support and assist me throughout completion of this study.

I would also like expressed special thanks and my deepest gratitude to my project supervisor, Dr Farah Ayuni Shafie for her supports, guidance and generous advices whom patiently waited and dedicatedly helped me from the beginning of my project until submission of my report writing.

Special thanks to Madam Anila Ali for her knowledge support and assistance on developing my thesis in the Environmental Health and Safety. Deepest gratitude to my beloved parents and brothers who supported me mentally and financially throughout completion of this project study. I am truly indebted to all whom participated and sacrifices their time to support and assist me through this course.

May God bless them. Thank you.

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## ABSTRACT

This study was carried out to determine the psychological factors (stress and neurotic personality trait) among young motorcyclist. The other reason of this study is to determine the effects of stress and neurotic tendency on risk taking behavior among young motorcyclist. The result of this study will be compared among the independent variable in relation to risky behavior. The overall sample of 277 respondents were chosen within the age range of 19 to 24 years old. All the respondents are also chosen from different faculties and from different semester. The study design is a cross sectional study as it is conducted at one single time by taking the cross section of the population. A total of three questionnaires (Motorcycle Rider Behavior Questionnaire, Stress scale questionnaire and Big Five-neurotic questionnaire) were distributed to the participants and audiometry test was conducted to measure the hearing health of the motorcyclists. One-way anova, exploratory analysis and comparing means of the objectives were conducted to prove the hypothesis. There is a significance between stress and neurotic personality trait. For auditory health effect of the respondents, the results were plotted with three different groups: hearing impairment, hearing affected at high frequency and normal hearing level. The effects of hearing impairment elaborated. The motorcycle rider behavior questionnaires: 48 items were being explored and divided into six factors by using principal axis factoring and varimax rotation. The result were then being compared with the stress and neurotic personality trait to determine any significant value of the result. Risky behavior on motorcyclist should have been taken into contact in order to reduce the number of accidents and fatalities. Psychological factors played an important role in the relation of the motorcyclist risky behavior.

Keyword: *young motorcyclist, Motorcycle Rider Behavior, stress, neurotic, risky behavior.*