

Profile Image

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PENSYARAH UNIVERSITI DS14

## CONTACT

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**Faculty:** Fakulti Sains  
Dan Teknologi

## SUPERVISION

PhD - Completed: 1, Ongoing: 0

Master - Completed: 4,  
Ongoing: 0

## AREAS OF EXPERTISE

Statistical Inferences

Statistical Computing

Statistical Econometrics

## ACADEMIC QUALIFICATION

PhD in Statistik (2012)

Master in Sains ( Statistik) (2007)

Bachelor in Sains Aktuari (2003)

## RESEARCH

**1. DEVELOPING A RETIREMENT SAVINGS DECISION MODEL USING PATH ANALYSIS AMONG B40 GROUPS TOWARDS ACHIEVING SUSTAINABLE RETIREMENT.**

2020 GERAN KPT COMPLETED MAIN RESEARCHER

**2. BEHAVIORAL DECISION MAKING FOR RETIREMENT SAVINGS**

2018 GERAN PENYELIDIKAN USIM COMPLETED MAIN RESEARCHER

**3. A ROBUST RIDGE REGRESSION FOR MULTICOLLINEARITY PROBLEM IN THE PRESENCE OF OUTLIERS IN THE DATA.**

2014 GERAN KPT COMPLETED MAIN RESEARCHER

# PUBLICATION

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## 1. STATISTICAL ANALYSES ON THE IMPACT OF DEMOGRAPHIC FACTORS ON FERTILITY RATE IN MALAYSIA

IOSR JOURNAL OF MATHEMATICS (IOSR-JM)

2020 JOURNAL OTHER DATABASE MAIN AUTHOR

## 2. AN EMPIRICAL STUDY ON THE DETERMINANTS OF RETIREMENT SAVINGS ATTITUDE IN MALAYSIA

2ND INTERNATIONAL CONFERENCE ON APPLIED & INDUSTRIAL MATHEMATICS AND STATISTICS 2019

2019 PROCEEDING NON-INDEX MAIN AUTHOR

## 3. AN APPLICATION OF PROPOSED RIDGE REGRESSION METHODS TO REAL DATA PROBLEM

INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY

2018 JOURNAL SCOPUS MAIN AUTHOR

## 4. A COMPARISON OF OLS AND RIDGE REGRESSION METHODS IN THE PRESENCE OF MULTICOLLINEARITY PROBLEM IN THE DATA

INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY

2018 JOURNAL SCOPUS MAIN AUTHOR

## 5. A SIMULATION STUDY FOR INVESTIGATING MULTICOLLINEARITY PROBLEM IN THE PRESENCE OF OUTLIERS IN THE DATA

ADVANCED SCIENCE LETTERS

2017 JOURNAL SCOPUS MAIN AUTHOR

## 6. A ROBUST RIDGE REGRESSION APPROACH IN THE PRESENCE OF BOTH MULTICOLLINEARITY AND OUTLIERS IN THE DATA

AIP CONFERENCE PROCEEDINGS

2017 JOURNAL SCOPUS MAIN AUTHOR

## 7. AN APPLICATION OF ROBUST RIDGE REGRESSION MODEL IN THE PRESENCE OF OUTLIERS TO REAL DATA PROBLEM

JOURNAL OF PHYSICS : CONFERENCE SERIES

2017 JOURNAL SCOPUS MAIN AUTHOR

## 8. AN APPLICATION OF ROBUST RIDGE REGRESSION MODEL IN THE PRESENCE OF OUTLIERS TO REAL DATA PROBLEM

1ST INTERNATIONAL CONFERENCE ON APPLIED & INDUSTRIAL MATHEMATICS AND STATISTICS 2017 (ICOAIMS 2017)

2017 PROCEEDING NON-INDEX MAIN AUTHOR

## 9. STATISTICS CONCEPTS FROM ISLAMIC PERSPECTIVE

INTEGRATION OF NAQLI AND AQLI KNOWLEDGE: AN APPLICATION TO ACTUARIAL SCIENCE, RISK MANAGEMENT AND FINANCIAL MATHEMATICS CURRICULUM

2017 CHAPTER IN BOOK MAIN AUTHOR

## 10. A ROBUST RIDGE REGRESSION APPROACH IN THE PRESENCE OF BOTH MULTICOLLINEARITY AND OUTLIERS IN THE DATA

24TH NATIONAL SYMPOSIUM ON MATHEMATICAL SCIENCES

2016 PROCEEDING NON-INDEX MAIN AUTHOR

## 11. A ROBUST UNIT ROOT TEST IN THE PRESENCE OF CROSS SECTIONAL DEPENDENCE

JOURNAL OF MODERN APPLIED STATISTICAL METHODS

2015 JOURNAL ERA MAIN AUTHOR

## 12. OUTLIER DETECTION IN TIME SERIES MODEL

THE 2ND INTERNATIONAL CONFERENCE ON COMPUTING, MATHEMATICS AND STATISTICS

2015 PROCEEDING NON-INDEX MAIN AUTHOR

## 13. OUTLIER DETECTION IN TIME SERIES MODEL

QUEST FOR RESEARCH EXCELLENCE ON COMPUTING, MATHEMATICS AND STATISTICS

2015 CHAPTER IN BOOK MAIN AUTHOR

# PUBLICATION

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## 14. ROBUST ESTIMATION PROCEDURE IN PANEL DATA MODEL.

AIP CONFERENCE PROCEEDINGS

2014 JOURNAL WOS MAIN AUTHOR

## 15. A ROBUST PANEL UNIT ROOT IN THE PRESENCE OF CROSS SECTIONAL DEPENDENCE

INTERNATIONAL CONFERENCE ON COMPUTING, MATHEMATICS AND STATISTICS 2013

2013 PROCEEDING NON-INDEX MAIN AUTHOR

## 16. ROBUST ESTIMATION PROCEDURE IN PANEL DATA MODEL

THE 3RD INTERNATIONAL CONFERENCE ON MATHEMATICAL SCIENCES

2013 PROCEEDING NON-INDEX MAIN AUTHOR

## 17. ROBUST CROSS SECTIONAL DEPENDENCE TEST IN PANEL REGRESSION MODEL

INTERNATIONAL CONFERENCE ON ROBUST STATISTICS

2009 PROCEEDING NON-INDEX MAIN AUTHOR

## 18. BAB II SISTEM EKONOMI MEMUPUK KEIMANAN DAN KETAQWAAN KEPADA ALLAH

ISLAM HADAHRI-ISLAM HADHARI DAN KEHIDUPAN

2006 CHAPTER IN BOOK MAIN AUTHOR

# CONSULTATION

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## 1. GERAN KPT-PACE : CERTIFICATE COURSE IN DATA SCIENCE USING PYTHON & R

KEMENTERIAN PENGAJIAN TINGGI

2022 NATIONAL

## 2. PANEL PENILAI BAGI PROGRAM DEEMED ACCREDITED BAGI PROGRAM DIPLOMA IN STATISTICS

PEJABAT NAIB CANSEOLR , UITM SHAH SLALM

2018 NATIONAL

## 3. PANEL PENILAI BAGI PROGRAM DEEMED ACCREDITED BACHELOR OF SCIENCE (HONS) STATISTICS (CS221/241)

INSTITUT KUALITI & PENGEMBANGAN ILMU (INQKA) UNIVERSITI TEKNOLOGI MARA (UITM)

2018 NATIONAL

# AWARDS/RECOGNITION

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## 1. KNOW YOUR RISK: BINGO!

SCIENCE AND TECHNOLOGY RESEARCH EXPO (SCITEX)

2024 UNIVERSITY GOLD

## 2. RETIREMENT PLANNING CALCULATOR ENHANCEMENT WITH WITHDRAWAL FEATURES: PREPARING FOR UNCERTAINTY OF FUTURE RISK

INNOVATION BANK CHALLENGE 2023 (IBC2023)

2023 UNIVERSITY SILVER

## 3. PRE-RETIREMENT WITHDRAWALS: WILL IT AFFECT MUCH?

SCIENCE AND TECHNOLOGY RESEARCH EXPO (SCITEX@20TH FST)

2023 UNIVERSITY GOLD

## 4. ANUGERAH PERKHIDMATAN CEMERLANG 2021

2022 UNIVERSITY

## 5. STAF CONTOH BULAN FST SEPTEMBER 2022

2022 UNIVERSITY