

Profile Image

DR. NURUL FARIHAN BINTI MOHAMED

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CONTACT

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Faculty: Kolej Permata
Insan

SUPERVISION

PhD - Completed: 0, Ongoing: 0

Master - Completed: 0,
Ongoing: 0

AREAS OF EXPERTISE

Operations Research In Transportation

ACADEMIC QUALIFICATION

PhD in Matematik (2017)

Bachelor in Industrial Mathematics (2010)

RESEARCH

1. NUMERICAL CODES OF HYBRID METHODS FOR INTEGRATED MODEL IN
TRANSPORTATION OPERATION PLANNING

2019

GERAN PENYELIDIKAN USIM

COMPLETED

MAIN RESEARCHER

PUBLICATION

1. APPLICATION OF THE SIMPLEX METHOD ON PROFIT MAXIMIZATION IN BAKER'S COTTAGE

INDONESIAN JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE

2022 JOURNAL SCOPUS MAIN AUTHOR

2. MATHEMATICS

MODUL PENGAJARAN DAN PEMBELAJARAN SERTA PENTAKSIRAN BERSEPADU KURIKULUM PENDIDIKAN PINTAR BERBAKAT INTEGRASI NAQLI DAN AQLI (IGED) TAHAP 1

2022 CHAPTER IN BOOK MAIN AUTHOR

3. POLISI AKADEMIK KOLEJ GENIUS INSAN 2022

2022 POLICY

4. THE EFFECTIVENESS OF FLIPPED CLASSROOM IN TEACHING MATHEMATICS FOR STUDENTS: A REVIEW OF LITERATURE

ACTIVE LEARNING IN EDUCATION 4.0 STUDENTS AS OWNERS OF LEARNING

2021 CHAPTER IN BOOK MAIN AUTHOR

5. INSTANTANEOUS SPEED RATIO OF TRAFFIC FLOWING THROUGH A MERGING AREA AT KILOMETER 31.6 ON THE HIGHWAY FROM SHAH ALAM TO KUALA LUMPUR

PERTANIKA JOURNAL OF SCIENCE AND TECHNOLOGY

2020 JOURNAL ISI, SCOPUS AND ERA MAIN AUTHOR

6. COMPARISON OF TWO HYBRID ALGORITHMS ON INCORPORATED AIRCRAFT ROUTING AND CREW PAIRING PROBLEMS

INDONESIAN JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE

2020 JOURNAL SCOPUS MAIN AUTHOR

7. THE INTEGRATED AIRCRAFT ROUTING AND CREW PAIRING PROBLEM: ILP BASED FORMULATION

JURNAL TEKNOLOGI

2016 JOURNAL SCOPUS MAIN AUTHOR

8. A HEURISTIC AND EXACT METHOD: INTEGRATED AIRCRAFT ROUTING AND CREW PAIRING PROBLEM

MODERN APPLIED SCIENCE

2016 JOURNAL ERA MAIN AUTHOR

9. DEVELOPMENT OF HYBRID ALGORITHM FOR INTEGRATED AIRCRAFT ROUTING PROBLEM AND CREW PAIRING PROBLEM

INDIAN JOURNAL OF SCIENCE & TECHNOLOGY

2016 JOURNAL ERA MAIN AUTHOR

CONSULTATION

1. MALAYSIAN RESEARCH AND DEVELOPMENT CLASSIFICATION SYSTEM (MRDCS) 7TH EDITION

MOSTI

2021

NATIONAL

AWARDS/RECOGNITION

1. ANUGERAH INOVASI PEMBELAJARAN TERBAIK

2024

OTHERS

2. ANUGERAH PENULIS BUKU CEMERLANG

2024

UNIVERSITY

3. ANUGERAH PENULIS CEMERLANG BULANAN MAC 2024

2024

UNIVERSITY

4. OPTIMIZATION OF EXTRACTION TEMPERATURE AND TIME FOR ANTIOXIDANT LENTINUS EDODES USING RESPONSE SURFACE METHODOLOGY (RSM)

Semarak International Research Article Competition 2024 (SIRAC 2024)

2024

ANTARABANGSA

BRONZE

5. THE DEVELOPMENT OF A MATHEMATICAL MODELLING A DIET PROBLEM FOR BURGER KING SETS MENU IN MALAYSIA

SCEINCE AND TECHNOLOGY RESEARCH EXPO (SCITEX)

2024

UNIVERSITI

BRONZE