DR. NOR ATIRAH IZZAH BINTI ZULKEFLI

PENSYARAH UNIVERSITI DS13

CONTACT

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Faculty: Kolej Permata Insan

SUPERVISION

PhD - Completed: 0, O...
0

Master - Completed: 0, Ongoing: 0

AREAS OF EXPERTISE

Ordinary Differential And Partial Differential Equations

Computational Simulation And Modelling

Fuzzy Mathematics

ACADEMIC QUALIFICATION

PhD in Mathematics (2020)

Master in Mathematics (2013)

Bachelor in Mathematics (2011)

PUBLICATION

1. FUZZY PREDATOR-PREY SYSTEMS BY EXTENDED RUNGE-KUTTA METHOD WITH POLYNOMIAL INTERPOLATION TECHNIQUE

SEMARAK INTERNATIONAL JOURNAL OF MACHINE�LEARNING

`2024` `JOURNAL` `OTHER DATABASE` `MAIN AUTHOR`

2. CRYPTOGRAPHY: DISCOVERY AWARENESS AMONG PERMATA INSAN COLLEGE STUDENT

4TH INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2023 (IJURECON 2023)

`2023` `PROCEEDING` `NON-INDEX` `CORRESPONDING AUTHOR`

3. MINI SURVEY ON LEARNING JAPANESE LANGUAGE AMONG PERMATA INSAN COLLEGE STUDENTS

4TH INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2023 (IJURECON 2023)

`2023` `PROCEEDING` `NON-INDEX` `CORRESPONDING AUTHOR`

4. THE NOTION OF STABILITY OF A DIFFERENTIAL EQUATION AND DELAY DIFFERENTIAL EQUATION MODEL OF HIV INFECTION OF CD4+ T-CELLS

INTERNATIONAL JOURNAL OF MATHEMATICS AND COMPUTERS IN SIMULATION

`2021` `JOURNAL` `OTHER DATABASE` `MAIN AUTHOR / CONTACT PERSON IN USIM`

5. FAST AND ROBUST PARAMETER ESTIMATION IN THE APPLICATION OF FUZZY LOGISTIC EQUATIONS IN POPULATION GROWTH

MATEMATIKA: MALAYSIAN JOURNAL OF INDUSTRIAL AND APPLIED MATHEMATICS

`2019` `JOURNAL` `MYCITE` `CORRESPONDING AUTHOR`

6. THE APPLICATION OF FUZZY LOGISTIC EQUATIONS IN POPULATION GROWTH WITH PARAMETER ESTIMATION VIA MINIMIZATION

MALAYSIAN JOURNAL OF FUNDAMENTAL AND APPLIED SCIENCES

`2017` `JOURNAL` `INDEXED BY WOS` `MAIN AUTHOR / CONTACT PERSON IN USIM`

7. MULTISCALE BOUNDARY ELEMENT METHOD FOR LAPLACE EQUATION

JURNAL TEKNOLOGI

`2016` `JOURNAL` `INDEXED BY ISI, SCOPUS AND ERA` `CO-AUTHOR`

8. FUZZY LOGISTIC EQUATION BY POLYNOMIAL INTERPOLATION

AIP CONFERENCE PROCEEDINGS

`2016` `JOURNAL` `INDEXED BY SCOPUS` `MAIN AUTHOR / CONTACT PERSON IN USIM`

9. THE EXISTENCE AND UNIQUENESS THEOREMS OF FUZZY DELAY DIFFERENTIAL EQUATIONS

MALAYSIAN JOURNAL OF FUNDAMENTAL AND APPLIED SCIENCES

`2014` `JOURNAL` `INDEXED BY WOS` `MAIN AUTHOR / CONTACT PERSON IN USIM`

AWARDS/RECOGNITION

1. ANUGERAH PENYELIDIK HARAPAN

`2024` `UNIVERSITY`

2. ANUGERAH PENYELIDIK CEMERLANG (JURNAL ARTIKEL TERBAIK)

`2024` `UNIVERSITY`

3. ANUGERAH INOVASI TERBAIK

`2024` `UNIVERSITY`

4. ANUGERAH JURI TERBAIK

`2024` `UNIVERSITY`

5. ANUGERAH PENILAI BERKUALITI

`2024` `UNIVERSITY`

6. ANUGERAH PENILAI GERAN BERKUALITI

`2024` `UNIVERSITY`

7. ACADEMIC ADVISOR

UNIVERSITI SAINS ISLAM MALAYSIA

`2024` `UNIVERSITY`

8. FUZZY PREDATOR-PREY SYSTEMS BY EXTENDED RUNGE-KUTTA �METHOD WITH POLYNOMIAL INTERPOLATION TECHNIQUE

Semarak International Research Article Competition 2024 (SIRAC 2024)

`2024` `ANTARABANGSA` `SILVER`

9. ASSESSING CREATIVITY IN GIFTED STUDENTS USING FUZZY LOGIC TECHNIQUES

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE (IJURECON 2024)

`2024` `ANTARABANGSA` `BRONZE`

10. DEVELOPING MATHEMATICAL PUZZLE-BASED GAMES TO ENHANCE CREATIVE THINKING SKILLS IN JUNIOR HIGH SCHOOL STUDENTS

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE (IJURECON 2024)

`2024` `ANTARABANGSA` `BRONZE`

11. THE DEVELOPMENT OF PUZZLE AS A PEDAGOGIC TOOL TO ENHANCE THE ABILITY OF MATHEMATICAL CREATIVE THINKING AMONG GIFTED STUDENTS

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE (IJURECON 2024)

`2024` `ANTARABANGSA` `SILVER`