



PROF. DR. BACHOK BIN M.TAIB

PENGAJAR KHAS PK3

CONTACT

Phone: 6546

E-mail:
bachok@usim.edu.my

Address: Fakulti Sains Dan
Teknologi

SUPERVISION

PhD - Completed: 0, Ongoing: 0

Master - Completed: 0, Ongoing: 0

AREAS OF EXPERTISE

Numerical Analysis

BIOGRAPHY

A lecturer from Fakulti Sains Dan Teknologi. Holds a Phd in Analisis Berangka.

ACADEMIC QUALIFICATION

Phd in Analisis Berangka (1986)

Master in Analisis Berangka (1977)

Bachelor in Matematik (1974)

RESEARCH

1. MODIFIED ADOMIAN DECOMPOSITION METHOD FOR NONLINEAR FREDHOLM-VOLTERRA INTEGRO-DIFFERENTIAL EQUATIONS

2015 COMPLETED MAIN RESEARCHER

2. DESIGNING A NEW MODEL FOR TROJAN DETECTION

2012 COMPLETED MAIN RESEARCHER

3. DEVELOPING PDA-CGPA PLANNER FOR USIM

2006 COMPLETED MAIN RESEARCHER

PUBLICATION

1. BOUNDARY INTEGRAL METHOD AND CAVITATION BUBBLE MODELING

2019 BOOK

2. DEVELOPING CGPA PLANNER BY USING PDA FOR ISLAMIC SCIENCE UNIVERSITY OF MALAYSIA (USIM)

2007 PROCEEDING

3. IMPLEMENTATION OF PARALLEL BOUNDARY INTEGRAL METHOD ON SPHERICAL BUBBLE DYNAMICS USING SHARED MEMORY COMPUTER

2000 JOURNAL

4. CUBIC APPROXIMATION IN BOUNDARY INTEGRAL METHOD FOR THREE DIMENSIONAL LAPLACE EQUATION WITH ROTATIONAL SYMMETRY

1993 JOURNAL

5. LINEAR AND QUADRATIC APPROXIMATION IN BOUNDARY INTEGRAL METHOD FOR THREE DIMENSIONAL LAPLACE EQUATION WITH ROTATIONAL SYMMETRY

1993 JOURNAL

6. MATHEMATICAL MODEL OF CAVITATION BUBBLE

1986 PROCEEDING

7. BOUNDARY INTEGRAL METHOD APPLIED TO CAVITATION BUBBLE DYNAMICS

1984 PROCEEDING

8. HIGHER ORDER BOUNDARY INTEGRAL MODELING OF CAVITATION BUBBLES

1983 PROCEEDING

CONSULTATION/ADULATION

1. PENILAI LUAR KENAIKAN PANGKAT AHLI AKADEMIK DI UNIVERSITI MALAYSIA TERENGGANU

2015 NATIONAL UNIVERSITI MALAYSIA TERENGGANU

2. AHLI LEMBAGA PNASIHAT DIPLOMA SAINS, FAKULTI SAINS DAN TEKNOLOGI, UNIVERSITI MALAYSIA TERENAGGANU

2014 NATIONAL

3. AHLI LEMBAGA PENASIHAT PROGRAM DIPLOMA SAINS DAN TEKNOLOGI, FAKULTI SAINS DAN TEKNOLOGI, UNIVERSITI MALAYSIA TERENGGANU

2012 NATIONAL FAKULTI SAINS DAN TEKNOLOGI, UNIVERSITI MALAYSIA T

4. KETUA PANEL PENAKSIR SOALAN STPM FURTHER MATHEMATICS 3 956/3

2012 NATIONAL MAJLIS PEPERIKSAAN MALAYSIA

AWARDS/RECOGNITION

1. STARS:STREAMLINING STUDENT PERFORMANCE TRACKING FOR LECTURERS IN REAL-TIME

2024 Universiti Bronze

2. ANUGERAH PENYELIDIKAN KATEGORI SAINS DAN TEKNOLOGI (PENYELIDIKAN TERBAIK)

2014

UNIVERSITY

3. POCKET NUMERIAL SOLVER (POCKET SOLVER)

2007

Antarabangsa

Bronze