

Profile Image

PROF. DR. BACHOK BIN M.TAIB

FELO AKADEMIK

CONTACT

Phone: 6546

E-mail:

bachok@usim.edu.my

Faculty: Fakulti Sains
Dan Teknologi

SUPERVISION

PhD - Completed: 0, Ongoing: 0

Master - Completed: 0,
Ongoing: 0

AREAS OF EXPERTISE

Numerical Analysis

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

GERAN PENYELIDIKAN PENTADBIR

COMPLETED

MAIN RESEARCHER

2. DESIGNING A NEW MODEL FOR TROJAN DETECTION

2012

GERAN PENYELIDIKAN PENTADBIR

COMPLETED

MAIN RESEARCHER

3. DEVELOPING PDA-CGPA PLANNER FOR USIM

2006

GERAN PENYELIDIKAN PANTAS BAWAH SETAHUN

COMPLETED

MAIN RESEARCHER

PUBLICATION

1. BOUNDARY INTEGRAL METHOD AND CAVITATION BUBBLE MODELING

2019 BOOK MAIN AUTHOR

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

3RD INTERNATIONAL MICROLEARNING 2007 CONFERENCE

2007 PROCEEDING NON-INDEX MAIN AUTHOR

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

MALAYSIAN JOURNAL OF COMPUTER SCIENCE

2000 JOURNAL WOS MAIN AUTHOR

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

SAINS MALAYSIANA

1993 JOURNAL WOS MAIN AUTHOR

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

PERTANIKA JOURNAL OF SCIENCE AND TECHNOLOGY

1993 JOURNAL WOS MAIN AUTHOR

6. MATHEMATICAL MODEL OF CAVITATION BUBBLE

2ND. NATIONAL SYMPOSIUM ON MATHEMATICAL SCIENCES

1986 PROCEEDING NON-INDEX MAIN AUTHOR

7. BOUNDARY INTEGRAL METHOD APPLIED TO CAVITATION BUBBLE DYNAMICS

MATHEMATICS CONFERENCE

1984 PROCEEDING NON-INDEX MAIN AUTHOR

8. HIGHER ORDER BOUNDARY INTEGRAL MODELING OF CAVITATION BUBBLES

8TH. AUSTRALASIAN FLUID MECHANICS CONFERENCE

1983 PROCEEDING NON-INDEX MAIN AUTHOR

CONSULTATION

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

UNIVERSITI MALAYSIA TERENGGANU

2015 NATIONAL

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

FAKULTI SAINS DAN TEKNOLOGI, UNIVERSITI MALAYSIA T

2012 NATIONAL

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

MAJLIS PEPERIKSAAN MALAYSIA

2012 NATIONAL

AWARDS/RECOGNITION

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

SCEINCE AND TECHNOLOGY RESEARCH EXPO (SCITEX)

2024 UNIVERSITY BRONZE

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

2014 UNIVERSITY

3. POCKET NUMERIAL SOLVER (POCKET SOLVER)

Ekspo Penyelidikan dan Ciptaan Institusi Pengajian Tinggi Antarabangsa 2007

2007 ANTARABANGSA BRONZE