



ACADEMIA INFO

Dr. Siti Nursaila Binti Alias

- ✉ anasaila@fsmt.upsi.edu.my
- ☎ 054507563
- 📍 Faculty of Science and Mathematics
Universiti Pendidikan Sultan Idris (UPSI)

BIOGRAPHY

A lecturer from the Faculty of Science and Mathematics, Universiti Pendidikan Sultan Idris, Tanjung Malim, Perak, Malaysia. Specializes in Physics Education.

ACADEMIC QUALIFICATION

- 2017 **DOKTOR FALSAFAH (PENDIDIKAN FIZIK)**
Universiti Sains Malaysia
- 2014 **SARJANA SASTERA(PENDIDIKAN) (PENDIDIKAN FIZIK)**
Universiti Sains Malaysia

RESEARCH

- Pembangunan Dan Keberkesanan Modul Kendiri Pembelajaran
- 1 Kinematik Dalam Kalangan Pelajar Sekolah Menengah
2020 **Leader** Universiti Pendidikan Sultan Idris
- Pembangunan Modul Reka Bentuk Rancangan Aktiviti Pengintegrasian STEM Secara Dalam Talian Untuk KSSM Fizik Tingkatan Empat Dan
- 2 Keberkesanan Dalam Kalangan Guru
2021 **Member** Universiti Pendidikan Sultan Idris

AREAS OF EXPERTISE

Fizik
Physics Education

SUPERVISION

PhD

Ongoing : 0

Master

Completed : 1

Ongoing : 2

Scan here to see
my EXPERT@UPSI



PUBLICATIONS

- 1 **Keberkesanan Permainan Pendidikan terhadap Pembelajaran Hukum Newton**
Journal of Nusantara Studies
2017 Web of Science Correspondence Author
- 2 **RAPID PROTOTYPING OF NEWTONS LAW EDUCATIONAL GAMES**
International Journal of Education and Research
2016 Google Scholar Correspondence Author
- 3 **A Preliminary Study of Students Problems on Newton's Law**
International Journal of Business and Social Science
2016 Excellent Research Australia (ERA) Correspondence Author
- 4 **Pembinaan Ujian Diagnostik bagi Mengenalpasti Permasalahan Pembelajaran Keseimbangan Daya**
Jurnal Kurikulum & Pengajaran Asia Pasifik
2015 Malaysian Citation Index Correspondence Author
- 5 **Problem Solving Strategy in Balanced Forces**
International Journal of Business and Social Science
2015 Excellent Research Australia (ERA) Correspondence Author

SUPERVISION

- 1 **LEVEL OF CONCEPTUAL UNDERSTANDING AMONG SECONDARY STUDENTS ON TOPIC OF FORCES AND MOTION USING HALF-LENGTH FORCE CONCEPT INVENTORY (HFCI)**
2021 Master National Supervisor
- 2 **PEMBANGUNAN DAN KEBOLEHGUNAAN MODUL PGeL TERHADAP PENTAFSIRAN GRAF GERAKAN LINEAR**
2021 Master National Supervisor
- 3 **DEVELOPMENT OF AN OBJECTIVE ASSESSMENT INSTRUMENT TO ACCESS THE PRACTICAL SKILL IN AN OPTICS COURSE**
2021 Master National Supervisor

CONSULTATION / ADULATION

- 1 **PELANTIKAN SEBAGAI PENILAI ARTIKEL ICEMS2020 IN CONJUNCTION WITH 8th IPCSM2020**
2020 Universiti Pendidikan Sultan Idris Completed
- 2 **Perundingan Tidak Berbayar untuk Pembangunan Modul Pendidikan Sains, Teknologi, Kejuruteraan dan Matematik (STEM)**
2020 Pusat STEM Negara, Bahagian Perancangan dan Penyelidikan Dasar Pendidikan, KPM Completed

