

# MOHD FAIRUZ AFFANDI AZIZ

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FACULTY OF OCEAN  
ENGINEERING  
TECHNOLOGY, UNIVERSITI  
MALAYSIA TERENGGANU, 21030,  
KUALA NERUS, TERENGGANU

## EDUCATION

UNIVERSITI SAINS MALAYSIA

M.Sc (BIOPHYSICS)

B.APPSC (MEDICAL PHYSICS)



## RESEARCH INTEREST

I HAVE RESEARCH INTEREST IN ACTIVATED CARBON PROCESS, WASTE TO WEALTH PROJECT (SILICA DIOXIDES AND HYDROXYAPATITE) AND WASTE WATER TREATMENT. I ALSO LOVE TO DESIGN AND TO CREATE SOMETHING SIMPLE BUT EFFECTIVE. THIS MAY INCLUDE PROTOTYPE, DESIGNS AND SOMEHOW IDEAS AS TO KEEP THE RESEARCH LOW COST, SIMPLICITY AND BRILLIANT.

## PUBLICATIONS

TEACHING	NUMBERS
JOURNAL	7
GENERAL	3
PROCEEDING	4

## SELECTED PUBLICATION

1. AN INVESTIGATION OF BAMBOO CHARCOAL AS METHYLENE BLUE DYE REMOVAL
2. ELECTRICAL CONDUCTIVITY OF CHLOROPHILL WITH POLYTHIOPHENE THIN FILM ON INDIUM TIN OXIDE AS P-N HETEROJUNCTION SOLAR CELL
3. CHARACTERISTIC STUDY OF POLYETHYLENE TEREPHTALATE (PET) USED FOR COMMERCIAL DRINKING BOTTLES UNDER UV LIGHT RADIATION

## UNDERGRADUATE SUPERVISION

TEACHING	NUMBERS
FINAL YEAR PROJECT	55
INDUSTRIAL TRAINING	33
STUDENT ADVISORY	59

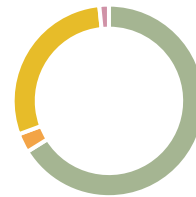
## RECOGNITION

ANUGERAH JASA BAKTI UMT

CANDIDATE FOR YOUNG SCIENTIST AWARD UMT

## RESEARCH GRANTS

RM615000



■ INDUSTRY                      ■ UNIVERSITY  
■ GOVERNMENT                ■ SELF

## RESEARCH INNOVATIONS

EVENTS	NUMBERS	RESULT
UNIVERSITY	4	3 SILVER 2 BRONZE
NATIONAL	5	2 BRONZE 2 GOLD
INTERNATIONAL	2	1 GOLD

## ACADEMIC LEADERSHIP

APPOINTMENT	NUMBERS
EXAMINER/JURY	8
JOURNAL REVIEWER	14

## TEACHING SUBJECTS

MATERIAL SCIENCES    ATOMIC PHYSICS  
SOLID STATE PHYSICS    INTRODUCTION TO PHYSICS  
SENSOR AND TRANSDUCER  
MEDICAL INSTRUMENTATIONS  
PRINCIPLE OF MEASUREMENT SYSTEM