

## Facilities for Postgraduate



## Mathematics Support Centre

Mathematics Support Centre (MSC) provides Mathematics and Statistics support. Our services are available to every UMP student. The MSC is a free support for students in addition to lectures and tutorials. MSC are located at both UMP campus, Pekan and Gambang.



اونيورسيتي مليسيا فهغ السلطان عبد الله  
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# Statistics & Data Analytics

## CONTACT US

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## APPLIED & INDUSTRIAL MATHEMATICS AND STATISTICS (AIMS) RESEARCH CLUSTER

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## CENTRE FOR MATHEMATICAL SCIENCES, UMP

# INTRODUCTION

Statistics & Data Analytics cluster is focused predominantly on data-based research, consultancy and training including data analytics, statistical analysis, modelling and simulation in science, technology, engineering, management, business as well as applications in various fields of industries. Members of this cluster have expertise in the area of environmental modelling, structural equation modelling, data mining, computational intelligence, fuzzy set theory, forensic ballistics, gauge network system, bass diffusion modelling, nonparametric predictive inference, circular statistics, multivariate analysis and time series forecasting.

## PROGRAMS OFFERED

Master by Mixed Mode  
Master by Research  
PhD by Research

## TRAINING & CONSULTATION

Microsoft Excel: Beginner and Intermediate  
Microsoft Excel: From Data to insights  
SPSS  
R & RStudio  
Machine Learning  
Data Mining

# LIST OF EXPERTISE



**PROF. Ts. DR. MOHD RASHID AB HAMID**  
Applications of Statistics in Management, Medical, Education, Social Sciences  
Expert in SPSS, AMOS, SmartPLS  
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**TS. DR. AZLYNA SENAWI**  
Data Mining, Evolutionary Computing  
Expert in Matlab, C Programming, C++ Programming  
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**DR. KU MUHAMMAD NA'IM KU KHALIF**  
Fuzzy Mathematics, Fuzzy Decision Making, Data Mining, Machine Learning  
Expert in Python, KNIME Analytics Platform, WEKA, IBM SPSS Modeler, Minitab  
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**DR. NORATIKAH ABU**  
Automotive Analysis, Tourism Analysis, Time Series, Operational Research, Automotive, Bass Diffusion Model  
Expert in Minitab, Microsoft Excel  
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**DR. SITI ROSLINDAR YAZIZ**  
Applied Statistics, Time Series Analysis & Forecasting, Highly Volatile Univariate Data, Gold Price Forecasting, Crude Oil Forecasting  
Expert in R, EViews, Microsoft Excel  
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**DR. WAN NUR SYAHIDAH WAN YUSOFF**  
Financial Analysis, Manufacturing Analysis, Multivariate Analysis, Diagnostics Accuracy, Survival Analysis  
Expert in Microsoft Excel, Matlab  
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**DR. NOR HAFIZAH MOSLIM**  
Circular Statistics, Missing Values, Wind Direction  
Expert in Microsoft Excel, R, S-Plus  
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**ASSOCIATE PROFESSOR DR. ROSLINA ZAKARIA**  
Statistical Modelling (Rainfall, Time Series), Data Science & Analytics  
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**DR. CHUAN ZUN LIANG**  
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**DR. MOHD KHAIRUL BAZLI MOHD AZIZ**  
Rainfall Modelling, GIS, Applied Statistics, Stochastic Modelling  
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**DR. NOR YANTI MUHAMMAD**  
Statistics, Statistical Modelling and Simulation, Nonparametric Predictive Inference, Diagnostics and Survival Analysis, Risk Based Inspection Analysis  
Expert in R, IBM SPSS Modeler, Minitab, Microsoft Excel, Matlab  
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**DR. NOR AZUANA BINTI RAMLI**  
Applied Statistics, Machine Learning, Predictive Analytics, Predictive Modeling Application in Energy Management and Energy Efficiency  
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**DR. SITI ZANARIAH SATARI**  
Applied Statistics, Data Analytics, Circular Statistics, Multiple Outliers Detection, Clustering, Regression, Error in Variables Model, and Statistical Applications in Education, Management, Environmental, Biological and Medical Studies  
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