

## Basic Information :

**Name :** Mohamed Ismail Roushdy  
**Title :** Professor & FCIT Dean



Prof. Dr. Mohamed Ismail Roushdy received his Ph.D. in 1993, M.Sc. in 1984 and B.Sc. degree in 1979 from the Faculty of Science, Ain Shams University. His experimental doctoral research work was conducted at Bochum University in Germany during 1989-1991. He is a Professor of Computer Science since 2007 till now and Dean of the Faculty of Computer and Information Sciences, Ain Shams University, Cairo, Egypt from 2010 till 2018. He is a Dean of Faculty of Computers and Information Technology, Future University in Egypt from Sept. 2019 till now. His areas of research are Artificial Intelligence, Knowledge, Machine Learning, Expert Systems, Intelligent Medical, Health Informatics, Image Processing, Pattern Recognition, Biometrics and Medical Data Mining. He published more than 140 scientific papers in International Journals, International Conferences and Book Chapters. He has been involved in more than 50 conferences and workshops as a chair, Keynote speaker, and member of several international program committees, organizer, and session chair. He got the Ain Shams University Award in Technological Sciences (Year 2018), He was a Member in Information Technology Executive Committee, Supreme Council of Egyptian Universities, Cairo, Egypt from 2010 to 2018, Member in the promotion Committee for Professors and Associate Professors in Computer Science & Information systems, Supreme Council of Egyptian Universities , Cairo, Egypt from 2013 to 2016.

## Education:

Certificate	Major	University	Year
PhD	Electronics	Ain Shams University	1993
Masters		Ain Shams University	1984
Bachelor		Ain Shams University	1979

## Teaching Experience:

Name Of Organization	Position	From Date	To Date
FUE	Dean	01/09/2019	Current

## Researches / Publications :

Text-to-Image Generation Based on AttnDM-GAN and DMAttn-GAN: Applications and Challenges

A Hybrid Stacked CNN and Residual Feedback GMDH-LSTM Deep Learning Model for Stroke Prediction Applied on Mobile AI Smart Hospital Platform

O-glycosylation Site Prediction Using Random Forest Importance and Support Vector Machine

PTG-PLM: Predicting Post-Translational Glycosylation and Glycation Sites Using Protein Language Models and Deep Learning

Road Network Extraction from Satellite Images: A Comparative Study

Features processing for random forest optimization in lung nodule localization

Shallow And Deep Learning In Footstep Recognition: A Survey

Predicting Banking Customer Churn based on Artificial Neural Network

Developing An Intelligent System For Predicting Bankruptcy

Multimodal Technique for Human Authentication Using Fusion of Palm and Dorsal Hand Veins

PUSockNGly: Positive-Unlabeled and Stacking Learning for N-linked Glycosylation Site Prediction
Brain Tumor Visualization for Magnetic Resonance Images using Modified Shape-based Interpolation Method"
A Survey on Learning-Based Intrusion Detection Systems for IoT Networks
Heuristic Algorithm for Automatic Extraction Relational Data from Spreadsheet Hierarchical Tables
Hyper-parameter Optimization of Convolutional Neural Network Based on Particle Swarm Optimization Algorithm
Using residual images with BSIF for iris liveness detection
Review of Data Mining Techniques for Detecting Churners in the Telecommunication Industry
Deep Learning Architectures For Aided Melanoma Skin Disease Recognition: A Review
Intelligent Clustering Technique Based On Genetic Algorithm
Classification of Breast Cancer Using Microarray Gene Expression Data: A Survey
Detection of Cross Site Scripting Attacks Model with Deep Transfer Learning
Artificial Intelligence for Glycation Site Prediction
Computational Intelligence for Financial Fraud Detection under Internet of Things Environment: Techniques, Opportunities and Challenges
Customer Retention: Detecting Churners in Telecoms Industry using Data Mining Techniques
An Interactive Tool For Extracting Low-Quality Spreadsheet Tables And Converting Into Relational Database
Medical Images Watermarking Schemes-A Review
Intelligent Techniques Analysis for Glycosylation Site Prediction
A Hybrid Mutual Information-LASSO-Genetic Algorithm Selection Approach for Classifying Breast Cancer"
Protection of Patients Data Privacy by Tamper Detection and Localization in Watermarked Medical Images.
Comparative Study of Computational Intelligence Paradigms For Intelligent Access Control Based on Biometrics Methodologies
Comparative study for 8 computational intelligence algorithms for human identification
Overview of Acquisition Techniques Brain Signals in Human Identification and Disease Diagnosis: Applications and Challenges
Using K-Nearest Neighbors and Support Vector Machine Classifiers in Personal Identification based on EEG Signals
Intelligent technique for human authentication using hand vein
Metadata Extraction for Low-Quality Semi-structured Spreadsheets
Reversible Watermarking for Protecting Patients Data Privacy Using an EPR-Generated QR Code
Support vector machine approach for human identification based on EEG signals
A Review on Iris Liveness Detection Techniques
Hybrid Method for Modeling User Interests based on Social Network
Lung Nodule Detection and Classification using Random Forest: A Review
Impact of segmentation on iris liveness detection
Machine Learning Techniques for Credit Card Fraud Detection
Multi-view Convolutional Neural Network for lung nodule false positive reduction

## **Chapter :**

**Awards:**

Award	Donor	Date
University Appreciation Award in Technological Sciences	Ain Shams University	01/01/2018