

Department of Telecommunication Faculty of Engine

Demonstrator	Faculty of Engineering, 6 th of October University	Teaching. Control tasks	From	T0
			2000	2007

4. Discipline

General Discipline	Communication Department	Principle Subject	Antenna &Microwaves
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5. Teaching Experience

Course Title	Course Code	University	
		Faculty of Engineering, 6 th October University 2000-2015	Faculty of Engineering, Egyptian Russian University 2016-present
Electric Circuits	EE102	√	√
Electronic Engineering 1	EE101	√	√
Electronic Engineering 2	EE104		√
Electronic Engineering 3	EE203		√
Electromagnetic Waves	EE202	√	√
Electromagnetic Fields	EE201	√	√
Antenna	EE306	√	√
Microwaves	EE402		√
Automatic Control	EE211		√
Engineering Measurements	EE209		√
Communication Theory	EE205		√

6. Professional & Technical Skills

Antenna Design
Using Microwaves in Medical Applications

7. Personal Skills

Computer Skills	Self Assessment		
	Excellent	Good	Fair
Internet	yes		
HFSS	yes		
CST	yes		
Matlab	yes		
Microsoft Office	yes		
Language Skills	Excellent	Good	Fair
Arabic	yes		
English	yes		

8. Scientific Activities

Publication:

1. M. H. Bannis, F. M. El-Hefnawi, H. M. Abd El Kader, K. ElMahgoub, A. Z.Elsherbeni, “Breast Cancer Detection and Identification using Prony's Method,” Proceedings of the IEEE International Symposium on Antennas and Propagation and USNC/URSI National Radio Science Meeting (APSURSI '14), Memphis, TN, USA, July 2014.
2. M. H. Bannis, F. M. El-Hefnawi, H. M. Abd El Kader, K. ElMahgoub, A. Z.Elsherbeni, “Effect of Chest Wall on Breast Tumor Detection using Prony's Method,” Proceedings of the IEEE International Symposium on Antennas and Propagation and USNC/URSI National Radio Science Meeting (APSURSI '15), Vancouver, TN, Canda, July 2015.
3. M. H. Bannis, F. M. El-Hefnawi, A. Z. Elsherbeni, “ Identification of Suspicious Mass in Biological Tissues Using Resonance Parameters

Extracted from Late Time Response,” Proceedings of the IEEE International Symposium on Antennas and Propagation and USNC/URSI National Radio Science Meeting, Atlanta, Georgia, July 2019.

b. Supervision:

1. M.W.Khalaf, F.M.El Hefnawi, M.H.Bannis, A.Z. Elsherbibi, H. M. Harb, “Feature extraction and Classification of Buried Landmine Signals,”2018
2. Mahmoud Rajab , F. M. El-Hefnawi,M.H.Bannis,Salwa H. Elramly , “UWB with Gain Enhancement Archimedean Spiral Microstrip Antennas for On-board Satellite Communications,”2018.

I certify that the information provided in this curriculum vitae is accurate.

Name	Marwa Hamed	Signature	Marwa Hamed	Date	4/2/2021
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